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IEMIST and DRUGGIST NOVEMBER 16, 1946

The CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

blished 1859 28 Essex Street, Strand, London, W.C.2. Registered as a Newspaper

3484 CXLVI NOVEMBER 16, 1946 Annual Subscription (with Diary) 25/-. Single copies 9d.

ULPHADIAZINE — M&B

This heterocyclic derivative of sulphanilamide is now extensively used. Its rate of absorption, and of excretion is slower than that of certain other sulphonamides. This has an important bearing on the clinical use of the drug as adequate blood levels can be maintained by its administration at somewhat less frequent intervals. Initial therapy in very acute infections must be by the parenteral route to obtain the necessary blood level quickly. A cream or a paste containing 5 per cent. Sulphadiazine—M & B is available for topical application in pyodermia and a sterilized powder for application in the treatment of wounds and burns. For ophthalmological practice Sulphadiazine Eye Ointment—M & B is offered.

SUPPLIES

TABLETS.
Containers of:—

	s.	d.
25 x 0·50 grammes	4	6
100 x 0·50 grammes	17	6
500 x 0·50 grammes	85	0

STERILIZED POWDER.
Containers of:—
10 grammes 4s. 3d.

EYE OINTMENT.
Containers of
5 grammes ... 2s. 0d.

POWDER (unsterilized)
Containers of:—

	s.	d.
25 grammes ...	8	6
100 grammes ...	33	9
500 grammes ...	168	0

PASTE.
Jars of:—
1 ounce 3s. 0d.
1 pound 27s. 6d.

CREAM.
Jars of:—
1 ounce 3s. 0d.
1 pound 27s. 6d.

SULPHADIAZINE SODIUM—M&B

Ampoules each containing the equivalent of 1 gramme of Sulphadiazine.
Boxes of:—

	s.	d.
6 x 4 c.c. ampoules	8	0
25 x 4 c.c. ampoules	30	0

Subject to the normal discounts.

MANUFACTURED BY
MAY & BAKER LTD.

DISTRIBUTORS
ARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM

Index to Advertisers pp. 5 & 6

'COSYLAN'

The Original Syrup Cocillana Compound

'Cosylan' (Syrup Cocillana Compound P. D. & Co.) is once again available in its pre-war formula and supplies are satisfactory.

Physicians are being advised through the medical press of this fact and that their prescriptions for this product can once more be dispensed.

This will undoubtedly increase the demand for 'Cosylan' during the coming months.

PACKAGES

'Cosylan' is supplied in bottles of 4 and 16 fluid ozs.

Are your stocks sufficient to meet this demand?

PARKE, DAVIS & COMPANY

50 BEAK STREET - LONDON - W.1

Laboratories: Hounslow, Middlesex Inc. U.S.A., Liability Ltd

After twenty years

After twenty years a familiar friend is to disappear. As from 14th October, 1946 the familiar 8d Milton bottle is being replaced by a bottle containing one-and-a-half times the quantity of antiseptic (approximately three instead of two fluid ounces) to retail at 1/-.

We are still permitted to sell only two sizes of Milton and the larger size will continue to retail at 1/11½d.

Both bottles are greatly improved in appearance, with a new plastic screw cap replacing the old rubber stopper and an attractive redesigned label.

MILTON ANTISEPTIC LTD.

10-12 BREWERY ROAD, LONDON N.7

TOSCAT

REG^D. TRADE MARK

PHARMACEUTICAL CHEMICALS · ALKALOIDS · HORMONES ENDOCRINES · VITAMINS · CRUDE DRUGS · BOTANICALS WAXES · GUMS · ESSENTIAL OILS · AND TECHNICAL CHEMICALS

TUBO-CURARE

(from Chondrodendron Tomentosum)

The only type of Curare from which Intercostine and Tubo-curarine chloride is manufactured.

ADENOSINE

Di-phenyl-hydantoin and Sodum-di-phenyl Hydantonate.

ICHTHAMMOL B.P.

(Super-quality)

60% above B.P. requirements, completely soluble in water and glycerine and containing over 16% combined sulphur.

DIGITALIN CRYST
(DIGITOXIN)

COLCHICINE
ALKALOID

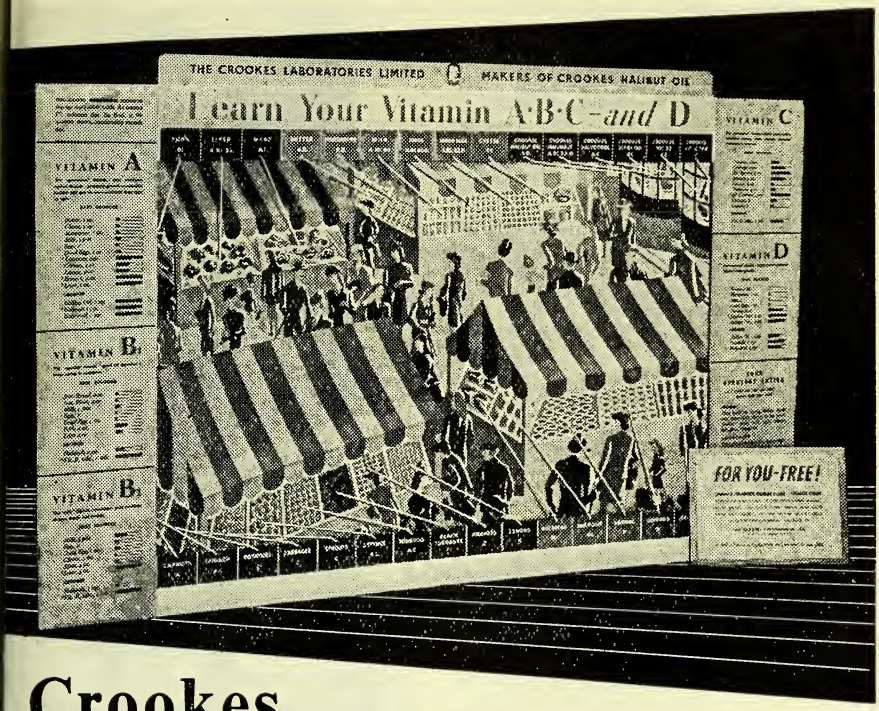
***l.* CYSTEIN**
(HYDROCHLORIDE)

PROGESTERONE

BIDDLE, SAWYER & Co. LTD.

4 GRAFTON STREET, LONDON, W.1

Telephone: Regent 7501 (8 lines) Telegrams: BIDSAWYER, PICCY, LONDON.



Crookes Unique Window Display

The central feature of our new window display is this very striking, gaily coloured, market scene.

The caption reads "Learn your Vitamins A, B, C and D" and the card illustrates the foodstuffs in which these vitamins are found. So much information is given that we are incorporating in the display a small card inviting your customers to apply to us for a full colour reproduction (this will be sent free) for them to study at home.

The set display will be installed upon request but please specify the space to be dressed for two sizes of card are available.

Please note that owing to supply difficulties the market scene can only be supplied at the moment with the set window show: it cannot be sent singly as a showcard.

THE CROOKES LABORATORIES LIMITED
PARK ROYAL LONDON, N.W.10

Counter attraction

A complete window display may not be possible these days, but an attractive display of Rendells Products on your counter will give confidence to regular purchasers and attract new customers who, seeing our advertisements, have become interested in the problems of feminine hygiene.

Display a complete range. They will tell a woman that you stock Rendells Products.

Santron and Silatex are in short supply but Rendells and Mensinole are not restricted.

Rendells PRODUCTS

FOR FEMININE HYGIENE

RENDELLS
SILATEX
SANTRON
MENSINOLE
RENDELL GELS

P.A.T.A.

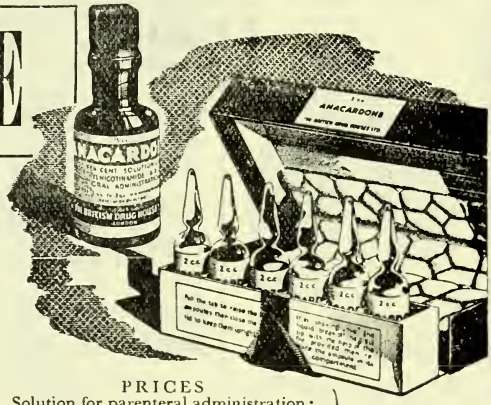
W. J. RENDELL LTD., 161, ROSEBERY AVE., LONDON, E.C.1

NDEX TO ADVERTISERS

B. Products xiv
cock Manufacturing Co., Ltd. 11
ibresils, Ltd. 30
gel Warehouse Co. x
glo-American Distributing Co., Ltd. xx
glo-Dutch Pharmaceutical Co. xx
glo-French Drug Co., Ltd. .....Leader Page
nour Laboratories, The 14
nford, T. H., Ltd. xxx
kinson, J. & E., Ltd. 25
atson, Clark & Co., Ltd. vi
aucaire Laboratories, Ltd. xviii
ll, John, Hills & Lucas, Ltd. .....Leader Page
ngué & Co., Ltd. xxvii
rton, Arthur, Ltd. xvi
talax Co. 19
ldle, Sawyer & Co., Ltd. 2
kiepegs, Ltd. 32
ake Roberts, A., & Co., Ltd. .....Leader Page
. Bretts Laboratories 12
itish Dental Sticks, Ltd. xx
itish Drug Houses, Ltd., The 5
itish Thomson-Houston Co., Ltd. v
itish & International Proprietaries, Ltd. ... xxx
ook, Parker & Co., Ltd. 13
own & Forth, Ltd. iv
rrough, James, Ltd. .....Leader Page
rroughs Wellcome & Co. 33
lfos, Ltd. 12
mpbell Laboratories, Ltd. xxviii
nnon Rubber Manufacturers, Ltd. 8
rnegie Chemicals (Welwyn), Ltd. .....Cover iv
rol, Ann, Beauty Preparations 30
rvansons, Ltd. 28
llon Laboratories, Ltd. xxvi
llucotton Products, Ltd. ix
emical & Natural Products, Ltd. 17
emi-Synthetics, Ltd. ii
ntinental Laboratories, Ltd. xxi
ox, Arthur H., & Co., Ltd. 8
est Laboratories, Ltd. xxvii
Crookes Laboratories, Ltd. 3
Crosskill, C. R., & Sons x
Cupal, Ltd. xix
Cuticura Preparations 23
Cyclo Chemicals, Ltd. xvi
Dailey, A. E., & Co. xviii
Dales Aspirin Co. 15
Damancy & Co., Ltd. 10
Daniel, Richard, & Son, Ltd. 13
Davies, James W. (Western), Ltd. xx
Dearborn (1923), Ltd. 24
Delavelle (G.B.), Ltd. xxiii
Devon, D. 26
Dobson & Steiner, Ltd. 26
Domestos, Ltd. xviii
Dominion Steel Corporation, Ltd xxiv
Drugs & Toilets (Pty.), Ltd. v
Dunhill Manfg., Ltd. 32
Edosan, Ltd. x
Ellis, J. E., Ltd. xxvi
Elto (Chemists) Products, Ltd. viii
Enolin (1926), Ltd. 20
Everett, S. & R. J., & Co., Ltd. viii
Fassett & Johnson, Ltd. xxvi
Faylene Manufacturing Co. 24
Fecher, M. J., Ltd. 6
Ferryman, Herbert, Ltd. xxvii
Freeder Brothers Paper Mills, Ltd. x
Gnome Photo. Prods., Ltd. xii
Gordon & Gotch, Ltd. x
Gould, N. & M., Ltd. .....Leader Page
Granto Laboratories (Plesox) xv
Hamburger, M., & Sons iv
Harman Dietetic Laboratories, Ltd. xxx
Harrington's xxx
Harrogate Tablet Co., Ltd. 20
Hatton (Exports), Ltd. 19
Herts Pharmaceuticals, Ltd. xxv
Hewlett, C. J., & Son, Ltd. 15
Hirst, Stuart, Ltd. .....Leader Page
Hobson, Trimble & Co., Ltd. viii
Howard, Lloyd & Co., Ltd. 14
Howards & Sons, Ltd. i
Hunter Beattie Products, Ltd. xxiii

(*continued overleaf*)

ANACARDONE



Anacardone is Nikethamide of the B.P. It is indicated in all forms of respiratory distress or cardiac insufficiency: for example, in surgical and obstetric shock, collapse following submersion, electric shock, narcotic poisoning; and cardiac and respiratory insufficiency due to pneumonia, influenza, and other infections.

Modes of Issue: in ampoules of a 25 per cent. solution for intravenous, intramuscular, or subcutaneous injection (Injection of Nikethamide B.P.) and in solution (flavoured) for oral administration.

Anacardone is advertised to the medical profession, and pharmacists will be well advised to keep an adequate stock.

PRICES

Solution for parenteral administration:
Box of 6 x 2 c.c. ampoules Retail 4/-
Wholesale per doz. 32/-
Box of 12 x 2 c.c. ampoules Retail 7/-
Wholesale per doz. 56/-
Box of 3 x 5 c.c. ampoules Retail 5/-
Wholesale per box 40/-
Box of 12 x 5 c.c. ampoules Retail 16/6
Wholesale per doz. 132/-

NOT SUBJECT TO PURCHASE TAX

A product of

THE BRITISH DRUG HOUSES LTD. LONDON N.1

INDEX—(cont.)

Imperial Chemical Industries, Ltd. xix
Industrial Tapes, Ltd. viii
International Express Co., Ltd. 20
International Laboratories, Ltd. ..... xi, xxii
Jackson, G., & Sons, Ltd. xxii
Jacquesils Fabrics, Ltd. 30
Jay Glamour Products, Ltd. 28
Jeffreys, Miller & Co., Ltd. 15
Johnson & Johnson (G.B.), Ltd. 22
Kearsley, C. & G., Ltd. 12
Keating, Thomas, Ltd. xvii
Keeling & Walker, Ltd. vi
Keenedge, Ltd. xxx
Lawrence, Geo. H., Ltd. xxii
Lax-Vita, Ltd. xxx
Leigh & Sons Metal Works vi
Lennard Lee-Narvill & Co. xxiv
Lennon, Ltd. v
Libranese Plastics xiii
Lincoln, Mr. xxx
Luna Inserts, Ltd. 16
Macdonald, J. vii
Manex Services, Ltd. xviii
Mather, Wm., Ltd. ix
Matthews & Wilson, Ltd. 10
Medico-Biological Laboratories, Ltd. xxix
Merz & Co., Ltd. vii
Milton Antiseptic, Ltd. 1
Napp, H. R., Ltd. ..... Leader Page
National Association of Opticians 14
National Business Agency, Ltd. ..... Col. Sup.
Neill, James, & Co. (Sheffield), Ltd. xxiv
Newball & Mason, Ltd. 26
North-West Chemical Industries, Ltd. xxx
Organon Laboratories, Ltd. 21
Orridge & Co. ..... Col. Sup.
Ozonal Laboratories (1930), Ltd. xii
Palestine Potash, Ltd. ii
Pal Personna Products, Ltd. xvi
Parke, Davis & Co. ..... Cover ii
Parkinson, A. R. iv
Patrick, James, & Co. 14
Percenta, Ltd. xviii
Pharmaceutical Specialities (May & Baker), Ltd. ..... Front Cover
Pharmax, Ltd. xxi
Phillips, Chas. H., Chemical Co., Ltd. xxv
Pigalle (International), Ltd. 2
Poplar Glassworks, Ltd. 2
Potter & Clarke, Ltd. 3
Preemo & Silks, Ltd. 3
Rayner & Co., Ltd. xx
Reed Bros. (Engineering), Ltd. .....
Rendell, W. J., Ltd. .....
Riley, J., & Sons, Ltd. i
Roberts & Sheppey, Ltd. xxv
Robinson & Sons, Ltd. v
Rona Laboratories, Ltd. .....
Rooney, Robert A., & Sons 2
Rose, W. R., Ltd. xxvi
Rozalex, Ltd. xv
Salter, George, & Co., Ltd. .....
Samuelson, P., & Co. .....
Sandoz Products, Ltd. .....
Scott & Turner, Ltd. .....
Sigal, S., & Co., Ltd. .....
Simpkin, A. L., & Co., Ltd. xx
Soft Drinks Industry x
Splendor, Ltd. .....
Stanning Proprietaries, Ltd. xv
Sumner, R., & Co., Ltd. .....
Sutton, W., & Co., Ltd. .....
Sweetule Products, Ltd. xx
Tampax, Ltd. vi
Teasdale & Co., Ltd. .....
Thompson & Capper Wholesale, Ltd. .....
Townsend, J., & Sons, Ltd. .....
Universal Brush Co. xxvi
Veno Drug Co., Ltd. .....
Verdiers, Ltd. .....
Vigon, J. J., & Co., Ltd. xv
Vines .....
Wafer Razor, The, Co., Ltd. x
Warrick Bros., Ltd. .....
Webster, Isaac, & Sons, Ltd. .....
Westminster Laboratories, Ltd. .....
Whiffen & Sons, Ltd. ..... Cover
Wilson & Mansfield, Ltd. .....
Winox xx
Wrens (Pty.), Ltd. .....
Zimmermann, C., & Co., Ltd. .....

FROM STOCK

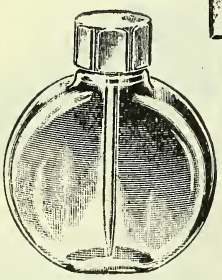


FIG. 714

½ oz. size only.

Complete with Plastic Caps 39/- grs.

Fitted Dip Rods 45/- ,,

Fitted Brushes 72/- ,,

One Drop Tubes

1¾ drm.

Ideal for Perfume, etc.

fitted brass caps in screw aluminium case 42/- grs.

Orders taken in rotation.

M. J. FECHER
LIMITED.
121, HIGH ST., SLOUGH
Phone: SLOUGH 21864

Established Household Remedies!

These Veno Products have withstood the searching test of many years' home use. Phensic, Dr. Cassell's, Veno's Lightning Cough Mixture, Germolene and Germoloids are always in demand. Each is backed by extensive and unceasing National and Provincial advertising. You can be assured of regular repeated business on a profitable basis. Please let us know your requirements.

TERMS: Combined orders amounting to £3 and upwards from qualified Chemists will be subject to 10% for display co-operation in addition to our usual 2½% discount for monthly account.

Phensic

Cassell's

Veno's

Germolene

Germoloids

VENO DRUG CO. LTD.
CHESTER RD., MANCHESTER 16

COX

To-day . . .

as for Generations past,

★QUALITY and SERVICE★

continue to be the foundation of the

Cox Policy!

PILLS · TABLETS · SOLVELLÆ · PACKED SPECIALITIES

ARTHUR H. COX & CO. LTD. — — BRIGHTON

The "MODERN" TEAT

ANTI-COLIC. RECOMMENDED BY HOSPITALS, DOCTORS AND NURSES

- Ball Top, one-hole perforation, ensuring constant and steady flow.
- Buffer shoulder protects baby's mouth.
- Tab enables teat to be slipped over bottle in an instant with minimum handling.

- General Resiliency MAKI IT NECESSARY FOR BAB TO WORK JAWS THER BY RESEMBLING TH NATURAL NIPPLE.
- Collar ensures firm grip c bottle which CANNOT B PULLED OFF BAB
- Will stand Repeate STERILISATION.

MODERN in design and must be TRIED to be appreciated.

NEAREST TO NATURAL FEEDING

The "MODERN" Teat has been specifically designed to meet the needs of both MOTHER and BABY, and what of vital mportance in these days—it LASTS LONGER. It is hygienic, odourless and tasteless

Fixed Retail Selling Price 6d. each Obtainable of all Wholesalers

P.A.T.A.

WHOLESALE ONLY FROM :—

THE CANNON RUBBER MANUFACTURERS LTD., LONDON, N.17

You will be glad to hear . . .

We feel sure that our friends in the trade will be glad to hear that ARGOTONE NASAL DROPS are to be advertised nationally, starting this autumn. This national advertising will materially increase the sales of ARGOTONE NASAL DROPS, which have hitherto never been advertised to the public, but have sold entirely on prescriptions from doctors who have tested it and on recommendation from chemists who, from its formula, know ARGOTONE to be a good product.

We give below a list of some of the publications in which we have booked advertising space and we hope that you will ensure having sufficient stocks in hand to meet the increased demand.

ATIONAL PRESS

ritish Medical Press
ritish Medical Journal
ursing Mirror

Morning Newspapers
aily Mail
aily Mirror
aily Dispatch
aily Telegraph
aily Worker
ews Chronicle

ondon Evenings
vening News
tar

Sunday Newspapers
News of the World
Sunday Dispatch
Sunday Pictorial
Sunday Chronicle

Religious Newspapers (Weekly)
Catholic Herald
Christian World
Sentinel

MAGAZINES

Weeklies
Answers
Everybody's
Home Chat
Home Notes
Leader
Picture Post
Post
Tit-Bits
Woman's Friend
Woman's Illustrated
Woman's Own
Woman's Weekly

Monthlies
Homes & Gardens
H.S.A. Contributor
Mother & Home
Psychology Magazine
Taxes
United Nations News
Weldon's Ladies' Journal
Wife & Home

ROVINCIAL PRESS

ailies

berdeen ..	Press & Journal
arrow-in-Furness ..	North West Evening Mail
radford ..	Yorkshire Observer
righton ..	Sussex Daily News Evening Argus
ardiff ..	South Wales Echo Western Mail & Echo
arlisle ..	Cumberland Evening News
arlington ..	Northern Despatch
lasgow ..	Daily Record Herald Bulletin Evening News
ewcastle ..	Journal
ottingham	Journal
ortsmouth ..	Evening News Hampshire Telegraph
hields ..	North Shields Evening News South Shields Gazette
underland ..	Echo
windon ..	Evening Advertiser
Vest Hartlepool	Northern Daily Mail

Weeklies

Accrington ..	Observer
Alnwick ..	Northumberland Gazette
Blyth ..	News & Ashington Post
Bootle ..	Times Series
Burton ..	Chronicle
Bury St. Edmunds ..	Free Press
Derby ..	Advertiser
Goole ..	Times
Kentish Times Series	
London Suburban & Home Counties (34 papers)	
London & Southern Counties (41 papers)	
Luton ..	News Series
Peebleshire ..	Advertiser
Rugby ..	Advertiser
Skipton ..	Craven Herald
Tenby ..	Observer
Whitby ..	Gazette
York ..	Yorkshire Gazette

NORTHERN IRELAND

Belfast ..	Telegraph Irish News.
Coleraine ..	Northern Constitution

POSTERS

Underground Rly., District and Metro.
London Tramcars
Southe n Elec. Rly.

ARGOTONE

Nasal Drops

RONA LABORATORIES LIMITED
159 FINCHLEY ROAD, LONDON, N.W.3

URGENT EMPTY CASES *please*

For some time past we have experienced considerable difficulty in despatching supplies of Andrews because of the acute shortage of cases.

The position is NOW SERIOUS

and unless customers holding Andrews empty cases return them immediately a hold-up in deliveries will result. Your co-operation is requested. Postage or carriage will be credited.

HOW TO SEND

Fold cases flat, flaps inside, tie up. Ready addressed gummed labels obtainable from our travellers, or direct from us. Up to 15 lbs., by post (*state cost on label*). Over 15 lbs., by rail, c/fwd (*or state cost on label*)

ANDREWS

SCOTT & TURNER, LTD.
Andrews House, Newcastle-upon-Tyne, 2

T9

APPROVED SEASONABLE PRODUCT FOR YOUR C. F. DISPLAY STAND

WINTERGREEN ANALGESI CREAM

in Tubes. Retail 1/7d. including P. Tax.

MELOCAMP

Concentrated cough and expectorant mixtur (teaspoonful dose)

4 oz. bottles Retail 2/6 incl. P. Tax
8 oz. ,, ,, 4/6 ,, ,,

BEECH TAR LINCTUS

Creosote with Codeine

4 oz. bottles Retail 2/6 incl. P. Tax
8 oz. ,, ,, 4/7 ,, ,,

FENNEL COUGH SYRUP

For children

4 oz. bottles Retail 2/- incl. P. Tax
8 oz. ,, ,, 3/6 ,, ,,

DAMANCY & CO., LTD.
HARROW, MIDDX.

Phone: Byron 1440/1800 *Grams:* DAMANCY HARROW

ALLCOCK'S WORLD FAMOUS POROUS PLASTERS ARE NOW IN FREE SUPPLY

End LUMBAGO SCIATICA NEURITIS by 'AUTOMATIC-MASSAGE' with ALLCOCK'S BRAND Porous Plaster

Thousands of testimonials prove their value! Attractive one dozen display containers for your counter. Order to-day through your usual wholesaler.

Trade Terms 11/3 per doz.

Retail 1/5 inc. 2d. tax.

ALLCOCK'S BRAND Porous Plaster

SOLD ONLY BY CHEMISTS

Price 1/3 1/5 INCLUDING TAX

INDIA RUBBER POROUS PLASTER

REGISTERED TRADE MARK

MANUFACTURED IN GREAT BRITAIN

ALLCOCK'S-Porous Plaster

Draw the pain-Out

ALLCOCK'S BRAND Porous Plaster

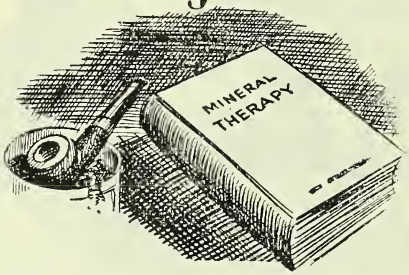
ALLCOCK

MANUFACTURING COMPANY

BIRKENHEAD ENGLAND

(INC. U.S.A.. LTD. LIABT.)

Midnight Oil



NOTES ON MINERAL THERAPY

TO SAVE YOU STUDY "AFTER HOURS"

- Latest research indicates that the root of many serious conditions lies in dietary deficiencies, often directly traceable to lack of minerals, principally calcium and phosphorus.
- Medical practice tends more and more to prescribe the essential mineral supplementation (calcium and phosphorus) provided in a readily assimilable form by Calfos.
- For nursing and expectant mothers, for children of all ages, Calfos Natural Mineral Tablets give that essential intake to remedy dietary deficiencies. Calfos increases resistance to illness, preserves good health.

★ *NEW DISPLAYS in dignified, space-saving design for counter and window are now being distributed.*

CALFOS REGD
Natural Mineral TABLETS

TRADE TERMS
Boxes of 50's:
Per doz. 20/- plus Purchase Tax 3/4
Retail Price 2/9½d. including P.T.
Boxes of 120's:
Per doz. 38/- plus Purchase Tax 6/4
Retail price 5/3½d. including P.T.
P.A.T.A.

CALFOS LTD.
IMPERIAL HOUSE . KINGSWAY . LONDON . W.C.2

To the Sole Distributors:
JEN-FEM SALES LTD.
STOCKPORT ROAD, MANCHESTER, 13
PRICE 10/- PER DOZEN
Manufactured by
Dr BRETTS LABORATORIES • SALFORD

1/3 SPRINKLER BOX

SURE-SELLING STOCK
OVER 150 YEARS REPUTATIO
KEARSLEY'S
THE ORIGINAL
WIDOW WELCH'S FEMALE PIL
9d. BOX PROFIT by ordering 1 dozen 2/10 si
Bonus box given on every dozen (13). It pays push this size.
C. & G. KEARSLEY LT
71 DARTMOUTH RD., LONDON, S.E
Established 1787 in the Reign of King George

For Voice, Throat & Chest

NIPITS
PASTILLES
MADE BY
TEASDALE & CO. LTD., CARLISLE

ENICILLIN PRODUCTS

Richard Daniel & Son LTD Derby.

PENICILLIN LOZENGES B.P.
Bottles of 20 **10d.** each.
50 **1/8** each.

PENICILLIN CREAM BASE
24 gm. Jars, **9d.** each.
For the preparation of Penicillin Cream.

PENICILLIN CREAM B.P.
25 gm. Jars, **1/6** each.
Freshly prepared and despatched by return post.

PENICILLIN OINTMENT B.P
25 gm. Jars, **1/-** each.

ALSO EYE OINTMENT, OPHTHALMIC TABLETS, HYPODERMIC TABLETS, OIL-WAX SUSPENSION & VIALS OF PENICILLIN FOR THE PREPARATION OF SOLUTIONS FOR INJECTION.

RICHARD DANIEL & SON, LTD., DERBY. Phone: 4256 (3 lines) Grams: Dania, Derby

Wrens (PTY) LTD.
THE CHEMISTS

P.O. BOX 1689 JOHANNESBURG
SOUTH AFRICA

Sole Distributors and Stockists for REVLON EXPORT Corp., NEW YORK, also VIV Pharmaceuticals Ltd., WINCHESTER, England, etc.

SEEK REPRESENTATION
for non-competitive Agencies in TOILET, PATENTED and PROPRIETORY PREPARATIONS for the UNION of SOUTH AFRICA, Northern & Southern Rhodesia, Portuguese East Africa, S.W. Africa and Nyassaland.

●

For all our Purchases cash payments in London

In this attractive carton is NATURES remedy for-

Constipation, Biliousness, Indigestion, Debility, Sluggish Liver, Backache, Gravel and all Kidney and Bladder Diseases

BROOK, PARKER & CO. LTD.
BRADFORD ENGLAND

GLANOID

MEDICINAL PRODUCTS
OF
ANIMAL ORIGIN

—o—

Chemist Counter Lines
ARMOUR'S JUNKET PRODUCTS
(TABLETS, POWDER, ESSENCE)
GLANOID CALF'S FOOT JELLY
PEPTONISED BEEF EXTRACT
GLYCERINATED

A FULL RANGE OF GLANDULAR PRODUCTS PREPARED FROM *FRESH* WARM GLANDS SUPPLIED IN AMPOULES, TABLETS, LIQUIDS AND CAPSULES
available in Package Form or Bulk Containers

Also PEPSIN all strengths
PEPTONE
both Bacteriological and Commercial
ADRENALIN B.P. 1932 (Pure)
PANCREATIN U-S-P
OX GALL Inspissated Powdered Purified
BILE SALTS POWDER

Send your enquiries to:
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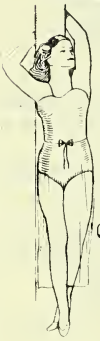

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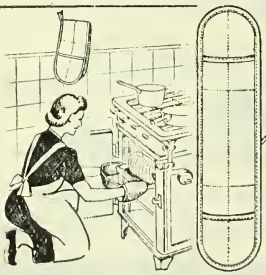

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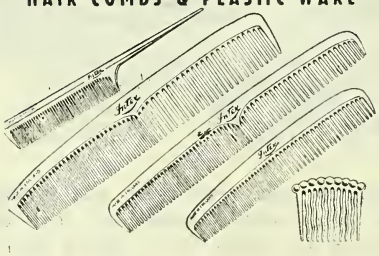

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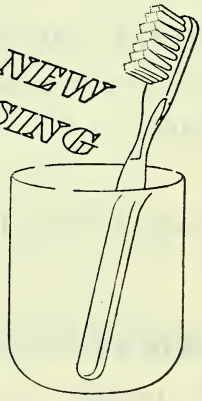

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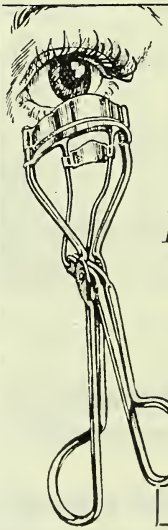

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CONTENTS

Alleged False Returns 631
Business Changes 622
Business Queries Answered... ... 650
Coming Events 639
Company News 622
Damages Against Veterinary Serum Makers 620
Deaths 623
Editorial Articles:—
An Unsatisfactory Order 633
The Fall in Mercury 634
Empire and Foreign News 644
Exports Take Wings 640
Information Wanted 632
Marriages 623
Miscellaneous Inquiries 651
News of the Week 617
N.P.U. Silver Jubilee Conference ... 628
Overseas Trade News 649
Personalities 623
Pharmaceutical Society of Great Britain: Council Meeting 635
Photographs in Fifteen Seconds ... 627
Portraits at an Exhibition 634
Presentation to Chemists' Federation 626
P.A.T.A. 625
Tax Offences Admitted 631
The Week in Parliament 642
Token Imports Scheme Extended ... 639
Topical Reflections 621
Trade Marks 652
Trade Notes 624
Trade Report 645
Wills 623

NEWS OF THE WEEK

deal Home Exhibition.—A "Daily il" Ideal Home Exhibition, the first ce the war, will be held at Olympia, Lon-n, from March 4 to March 29, 1947.

Donation to Physic Garden. — The armaceutical Society has agreed to send ubscription of £21 to the Chelsea Physic rden. Mr. H. M. Hirst represents the uncil of the Society on the Garden's verning body.

Streptomycin Pilot Plant.—A pilot nt for the manufacture of streptomycin being erected at Speke, Liverpool, by tillers Co., Ltd., at a cost of £70,000. e streptomycin produced will be used y for clinical trials.

Entrants to Distribution.—The number boys aged fourteen to seventeen entering e distributive trades in 1945-46 was ,643, compared with 108,699 in 1937-38. e number of girls in 1945-46 was 79,263, ainst 86,614 in 1937-38.

Transport Inquiry Requested.—A reso-ion asking the Government to hold a blic inquiry into the future of transport before any final decision on nationalisation is taken has been adopted by the Association of British Chambers of Commerce.

Synthetic Penicillin.—A product identical with penicillin G has been synthesised by a team of British and American scientists, seventeen of whom worked in Britain, according to "Science," the journal of the American Association for the Advancement of Science. The final stages of the work were carried out in the medical college of Cornell University.

Welfare Foods Modified.—The Ministry of Food announces two improvements in the products distributed under the welfare foods service. Vitamin A and D tablets issued to expectant mothers will contain 0.13 mgm. potassium iodide. The addition is based on a recommendation of a subcommittee of the Medical Research Council as a measure to fortify the diet as a preventive against goitre. The Ministry's cod-liver oil compound is now cold-cleared. Supplies of the improved products will be available shortly.

Exemptions from Key Industry Duty.—The question of the renewal of the safeguarding of Industries (Exemption) (No. 4) Order, 1946, made under Section 10 (5) of the Finance Act, 1926, as amended by Section 2 of the Import Duties (Emergency Provisions) Act, 1939 and Section 2 of the Finance Act, 1941, is now under consideration by the Board of Trade.

Polish Pharmacists' Reconstruction Fund.—Pharmacists throughout Poland have been invited to contribute towards the cost of reconstructing Warsaw University's faculty of pharmacy and the Polish Pharmaceutical Society's headquarters, both destroyed by enemy action during the war. Polish pharmacists have also pledged themselves to collect Zl.10,000,000 (about £25,000) for the winter relief fund.

Forthcoming Packaging Conference.—A one-day conference on packaging organised by the Council of Industrial Design is to be held at 23 Knightsbridge, London, S.W.3, on November 23. Manufacturers who have packaging problems are invited to attend. War-time advances in packing, new packing materials, and the special problems of bulk packaging are among topics to be discussed, and the conference will conclude with an "Open Forum." Tickets for the conference, including lunch, are £1 1s.

Export Exhibition.—Advertisers whose products are being shown at a British Export Exhibition organised by Leon Goodman Displays, Ltd., at the London Exhibition Centre, W.1, and open from November 12-23 include Audix (British Binoculars), Ltd. (density comparators, photo-electric cell counters, etcs.); A. C. Daniels & Co., Ltd. (surgical instruments); Ingram & Parish, Ltd. (cosmetics); and Frank Sammeroff, Ltd. (adhesive dressings). Admission is by invitation.

Increasing Birth Rate.—An upward trend in the birth rate in England and Wales was maintained in the third quarter of the year. According to the Registrar-General's return, 213,135 live births were registered during the quarter, representing a birth rate of 19.7, the highest recorded in any quarter since June 1923. The rate for the third quarter of 1945 was 15.6, and that for the third quarter of 1938 was 15.2. The number of stillbirths during the third quarter of the year was 5,778 (0.53 per 1,000 population) and the total number of deaths was 100,363 (9.3 per 1,000 population).

Birmingham Analyst's Report.—The Birmingham city analyst in his annual report states that during 1945 samples amined in connexion with the Food a Drugs Acts totalled 5,399, of which were drugs. Forty-nine samples of dr (9.8 per cent.) proved incorrect, and fo three cautions were given. Three separ samples of Parrish's food were found to deficient, and proceedings were ta against the retail firm and its registe secretary. Fines totalling £5 were impos Summaries of the 1945 quarterly report the Birmingham city analyst have b given (*C. & D.*, 1945. II. 3 and 393 a *C. & D.*, 1946. I. 195 and 323).

Agricultural Scholarships.—The Ag cultural Research Council has awarded following post-graduate research schol ships in agricultural science and in ani health, to take effect from the beginning the academic year 1946. The poten needs for specialist advisers in the Natio Agricultural Advisory Service were tak into account, as well as those of the resea service:—

J. M. Barry, B.A. (Hons.), Oxford—th years in animal biochemistry; J. R. S. F cham, B.A. (Hons.), Cambridge—th years in plant genetics; A. Ibbotson, B. (Hons.), Birmingham—three years in ento ology; D. J. R. Laurence, B.A. (Hon Cambridge—three years in animal ge tics; B. C. Loughman, B.Sc. (Hons.) Ab ystwyth—three years in biochemistry; M M. T. Morton, B.Sc. (Hons.), Edinburgh one year in plant pathology; Miss U. P sons, B.A. (Hons.), Cambridge—three ye in animal physiology; Miss J. N. Winfie B.Sc. (Hons.), Leeds—one year in pla physiology.

Chemists' Sales in September.—T Board of Trade, in a comparative analy of independent retailers' sales duri September, states that compared with year ago the sales of independent chemi went up by eleven per cent. for the count as a whole. The increase over the corr ponding period of 1945 has, surprising enough, been the same for the third mon in succession. The index numbers sho however, that sales have varied quite co siderably from month to month. Septemb had the highest sales, showing a rise of nin teen per cent. compared with August. N proper comparison with the statistics f large-scale retailers is possible as sales chemists' wares are included with t figures for a considerable number of oth commodities under "fancy departments. Owing to the recovery in the supplies some of the other commodities, the rise i

ir sales has been much more marked n that for chemists' wares, and the in-ase for the group as a whole (eighteen cent.) provides a limit to the upward vement in the sales of chemists.

LOCAL NEWS

Fire at Derby Pharmacy.—Damage to dispensary and to a quantity of stock s caused recently by a fire at the pre-es of Henry Cottee, Ltd., chemists, Lon-n Road, Alvaston, Derby.

Tottenham Staff Dance.—Employees of tish Disinfectant Co., Ltd., South Grove, th Tottenham, London, N.15. were re-tly entertained at a dance and social ning organised by the management.

West Kent Dinner.—Mr. G. R. Knox wer (president, Pharmaceutical Society) d Mrs. J. K. Irvine (vice-president) were ong the guests at the annual dinner and ce of the West Kent Branch of the armaceutical Society, held recently. Mr. ox Mawer, replying to the toast of "The armaceutical Society," said officers of Society had dined with the Minister of alth, who had intimated that pharmacy uld play an honourable part in the health vices of the country. Mr. Eric Neal airman, West Kent Branch) said that in new health service pharmacy could come a real profession with the commer-l side taking a smaller portion of chem-' time.

Blackburn N.H.S. Discussion.—Address-a recent meeting of the North-east Lan-hire Branch of the Pharmaceutical ciety on the National Health Service, . J. F. McNeal (a member of the Council the Pharmaceutical Society) said all dispensing should be done by qualified persons, and the fees asked should be in keeping with their qualification. The number of prescriptions under the new service would probably be trebled. Referring to the Registered Pharmacists' Union, Mr. McNeal said the intervention of another body at the present critical stage of the negotiations would cause disunity rather than unity. In discussion Mr. H. H. Atherton said that much of the medicine dispensed on insurance prescriptions went "down the sink." Better flavouring in formulary mixtures would induce patients more readily to take them.

Morphine Substitutes Described.—Dr. E. Walton, M.Sc. (the Wellcome Chemical Works) gave a lecture on "Morphine Substitutes" to a meeting of the North Metropolitan Branch of the Pharmaceutical Society recently. Morphine addicts, he said, took up to 300 times the normal dose of the drug. Metaphon, a morphine substitute, which had been reported upon in the American Press during the war, had no undesirable effects and gave a prolonged analgesia. Of the synthetic substitutes, pethidine, he said, and Hoechst 10820 were the most important. Pethidine, largely used in midwifery, was free from toxic effects to mother and child, and was rapidly destroyed by the liver. Amidone, or Hoechst 10820, was a five to ten times better analgesic than morphine, with one-fifth to one-half of the spasmolytic effect of morphine. It had been shown, however, that its pain threshold rose with continued dosage. In the discussion which followed Dr. Wrigley said investigations on pethidine had been done on morphine addicts in the U.S.A. where it was found that the drug was less likely to produce addiction than codeine.

MY PHARMACISTS AT BRIGHTON.—A group of pharmacists from the British Army of the Rhine otographed with members of the college staff while attending a recent refresher course at the School of armacy, Brighton Technical College. Left to right in the front row are Miss M. E. Stevens, B.Pharm., Ph.C. harmacognosy lecturer), Mr. H. B. Mackie, B.Pharm Ph.C. (head of school), Dr. E. R. Parken, B.Sc., Ph.C. (pharmaceutical chemistry) and Mr. G. V. Whittenbury, M.Sc. (physiology).

DAMAGES AGAINST VETERINARY SERUM MAKE

Cattle sickness attributed to " something wrong with toxoid, not to idiosyncrasy in the animals "

TECHNICAL evidence regarding the preparation of a toxoid of a type used for inoculating cattle against summer mastitis was given at Chester Assizes on November 1, at the resumed hearing of an action by two farmer brothers (Robert and Frank Dodd, Nantwich), who claimed damages for breach of contract against the partnership of Wilson & McWilliam, veterinary surgeons, Nantwich. In the action, plaintiffs had alleged that, following inoculations carried out by the defendant veterinary surgeons on eighty cows and heifers at the plaintiffs' two farms on July 9, sixty of the beasts became ill. There was no allegation of negligence against the veterinary surgeons, who were, in fact, still acting for the brothers Dodd. Defendants had joined, as third parties in the action, the suppliers from whom they obtained the toxoid (Willington Medicals, Ltd.), and the company in turn, had joined as fourth parties the manufacturers, Phylax Serum Laboratories, Ltd.) Mr. Robert Dodd, in his evidence, had stated that, during a talk with Mr. McWilliam, the latter had informed him that he could not guarantee the injections would either cure or prevent summer mastitis, but that at any rate they could do no harm. When Mr. McWilliam went into the box, counsel for the third and fourth parties emphasised that they made no allegations of negligence against the veterinary surgeons. The witness was of the opinion that the sickness in the beasts was due to the injections.

Expert evidence was given at the resumed hearing by Professor G. H. Wooldridge (Emeritus Professor of Medicine, London Veterinary College and consultant adviser to the British Dairy Farmers' Association) in whose mind there was no doubt that the trouble was caused by toxic material.

Mr. Frank Josell Gould (managing director of Willington Medicals, Ltd.) said his company did not manufacture toxoids. The toxoids in the case were procured from Phylax, Ltd., and sold in his company's name—a common practice in the pharmaceutical world. There had been no previous complaints about the toxoids, although his firm had sold many hundreds of bottles to veterinary surgeons. Following requests for a preventive for summer mastitis his firm had consulted Dr. Csonka (a director of Phylax, Ltd.) a former Director of the State Laboratories, Budapest, Hungary, and a number of bottles of the toxoid were bought from Phylax, Ltd. So far as his comp was concerned the toxoids were merely sold to veterinary surgeons. He had informed Mr. Wilson that his comp manufactured the toxoids.

Expert evidence on the process of paring toxoids was given by Dr. Ju Csonka (the director mentioned) stressed that there had been no prev complaints that the toxoid had an ill-ef on cattle. He recalled making new on several bottles of toxoids from the ba supplied to Willington Medicals, Ltd., a the incidents at the farms, and his tests not reveal the symptoms displayed in cattle. In cross-examination, he said used two guinea-pigs and two mice for tests, and did not agree that five gui pigs would have given a greater sa margin. Two pathologists (Drs. J. Rho and W. H. Grace) both stated that t considered the system of preparation of toxoid was a proper one.

Questions at Issue

At the adjournment, it had been s gested that there were two alternatives the judge to consider: One, that the fl used for the inoculations contained unn tralised toxins; the other that there anaphylaxis or idiosyncrasy in the cat Summing up, the judge said that all scientific witnesses were agreed that sickness in the cattle was due to the ino lations, and the issue might be shortly p Was something wrong with the toxoid, was something wrong with the anima There was a powerful and convincing bo of evidence that, if the symptoms had b due to anaphylaxis, the sickness would h been more quickly apparent in some of animals, whereas they did not reveal the selves until half an hour after the injectio He was convinced in his own mind t the sickness was caused by something wro with the toxoid, not the animals. He the fore gave judgment for the plaintiffs against the defendant veterinary surgeo for £3,341 18s. 6d., with costs; (*b*) for d fendants against Willington Medicals, Lt with costs; and (*c*) for Willington Medica Ltd., against Phylax Serum Laboratori Ltd., also with costs. For Phylax Seru Laboratories, Ltd., the comment was p forward that the company had been saddl with tremendous costs by the way in whi the action had been brought.

TOPICAL REFLECTIONS

Important Judgment

he judgment of Mr. Justice Wynn-ry in the "friendly" test action (pp. , 597) forms a valuable elucidation of ain ambiguities in the Pharmacy and dicines Act of 1941. Comment must rovisional till it is known whether either he parties is appealing in due form. But or two remarks may appropriately be de. The plaintiffs and the defendant iety are to be congratulated on their ction of questions for the learned judge's ision. A court case is by far the best of clearing up obscurities in Acts of liament and in Statutory Rules and lers. It is regrettable that the Poisons les of 1935 have not been tackled by method. I should like to emphasise r observation that "the decisions [of the ge] should very guardedly be extended other labels of an apparently similar racter." It cannot be too clearly under-od that a court of law can only deal h what is before it. Learned judges and counsel appearing before them have asionally been known to propound legal undrums with a bearing, near or less n near, on the case on which they were gaged; but when the time for a decision s reached, the issue was narrowed to cific questions. Hence any manufac-ers in doubt as to the wording of any their labels will be wise to study the id judgment of Mr. Justice Wynn-Parry.

e F.B.I. Advises

The report of the Trade Organisation mmittee of the Federation of British In-stries, summarised by you on p. 602, is far-reaching significance, affording guid-ce to every industry covered by the deration. Industrialists who read their ade papers with less attention than they ve to their daily papers—I trust there are t many industrialists to be thus described may overlook this statement of a con-dered policy. Every sentence that you ve quoted bears the stamp of men who now. We have often been told that know-dge is power. Unhappily, as those who ve to deal with officials in high places are ware, it is not equally true that power is owledge. The presentation of facts in e Committee's report is unbiassed and the asons given for the formation of advisory uncils, when this kind of contact is desired a Minister, are convincing. Councils that nature, with clearly defined func-ons, would form an appropriate addition to the means of liaison already existing. Working with the full consent of both parties to their establishment, they would not be in much danger of the over-organisation which is a recurring risk.

Legislation on Weights and Measures

Few people, I suppose, have of late been kept awake at night by reflecting on what has just been called the "chaotic" state of legislation on British weights and measures (p. 595). It is not surprising that no hope of an early inquiry into the subject was forthcoming in reply to a question in the House of Commons. When Parliament has been induced to move in this matter, it has proceeded with a marked avoidance of haste. One instance will suffice. In March 1758 a House of Commons committee was ordered to inquire and report concerning the standard weights and measures then in use. Though this committee finished its work without much delay, another committee was appointed in December of the same year to go over the same ground. After rather more than four months this body's report was adopted by the House. For some reason, however—the accession of George III has been suggested as the main factor—further steps were not taken till 1765, when a series of resolutions was referred to a committee of the whole House. This procedure appears to have been a convenient way of shelving the question; at any rate, no other move of any importance was made till 1818, when six commissioners were nominated for the purpose of considering the British system of weights and measures afresh. The six reported to a select committee, which in turn reported to the House in 1821. "The Annual Register" and "The Gentlemen's Magazine" for the year printed extensive passages from the committee's report (possibly the whole of it), stating *inter alia* that the specific gravity of "clear water of the Thames" was to distilled water as 1.0006 to 1.0. Two paragraphs were devoted to praise of a Captain Kater, who had "gratuitously conducted" many experiments for the commissioners: your readers will, I trust, share my pleasure at rescuing this pioneer's name from partial oblivion. An act "for ascertaining and establishing Uniformity of Weights and Measures" was passed in 1824; but progress continued to be slow, and many more investigations were undertaken before, in 1844, the weight of the standard pound was fixed.

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COMPANY NEWS

Kay Beauty Products, Ltd. (P.C.).—Capital £500. To carry on business as indicated by the title. Kenneth M. Pickering and Eric J. G. MacTavish, directors. R.O.: The Midhurst Pharmacy, North Street, Midhurst, Sussex.

E. J. Francis (Chemists), Ltd. (P.C.).—Capital £1,100. To carry on the business of chemists, etc. Edward J. Francis, M.P.S., Sylvia E. Francis and Sydney F. Points, directors. R.O.: 212 Preston Road, Wembley, Middlesex.

Rigby Chemicals, Ltd. (P.C.).—Capital £1,000. To carry on the business of manufacturers, importers and exporters of, and dealers in, chemicals, gases, drugs, medicines, etc. First directors are not named. Secretary: V. E. Winter, 89 Kingsway, London, W.C.2.

Tower Pharmacy (Morecambe & Heysham), Ltd. (P.C.).—Capital £3,000. To carry on the business of chemists, druggists, etc. A. H. Tooley, Bridget A. Tooley and Samuel S. Martin, directors. R.O.: 8-9 Tower Buildings, Marine Road, Morecambe.

G. T. Waring, Ltd. (P.C.).—Capital £9,000. To carry on the business of retail and wholesale, manufacturing, dispensing and analytical chemists and druggists, etc. Geo. T. Waring and Hugh Fletcher, directors. R.O.: 28 Kennedy Street, Manchester, 2.

A One Aerated Water Co., Ltd. (P.C.).—Capital £3,000. To acquire the business of a mineral water manufacturer carried on by Myer Libermann, at 6 Back Bedford Street, Liverpool, 7, as "A.1 Aerated Waters." Hugh A. Jones and Owen Thomas, directors. R.O.: 41 North John Street, Liverpool, 2.

Larees (London), Ltd. (P.C.).—Capital £1,000. To carry on the business of manufacturers of, and dealers in, cosmetics, toilet requisites, proprietary articles, chemists' requisites. L. de Lescinskis and S. de Lescinskis, E. R. T. Shaerf and Ruth Shaerf, directors. R.O.: 2 Morden Hill, London, S.E.13.

Lewis, Fuller & Co., Ltd. (P.C.).—Capital £1,000. To carry on the business of wholesale and retail dealers in, and manufacturers of soap, soap substitutes and chemicals, etc. C. F. Fuller and Mrs. Diana J. Fuller, D. O. C. Littler and A. J. Zeal, directors. R.O.: 31 John Street, London, W.C.1.

Baldwin & Woodcock, Ltd. (P.C.).—Capital £2,000. To carry on the busine of chemists, druggists, etc. Peter J. Bal win and Alan C. Woodcock, directo R.O.: Bank Chambers, 124 High Stre Dorking, Surrey.

BUSINESS CHANGES

Boots, Ltd., have acquired premises the entrance to Central Station, Gord Street, Glasgow.

Far Eastern Department (Foreic Office) has removed to 17 Carlton Hou Terrace, London, S.W.1.

Mr. R. Smith, M.P.S., 320 Canterbu Street, Gillingham, has opened a bran pharmacy at 8 Richmond Road, Gi ingham.

Mr. Christopher H. Patrick, M.P.S The Pharmacy, Wargrave, Berks, h opened a branch pharmacy at Twyfor Berks.

Mr. H. H. Campbell, B.Sc., Ph.C F.R.I.C., has been appointed head of th pharmacy department, Heriot - Wa College, Edinburgh.

Herbert Fromm, Ltd., have transferre their offices to Glasgow Terrace, Grosven Road, London, S.W.1 (Telephone: Vi toria 6258).

Mr. Kenneth Carter, M.P.S., has bee appointed secretary of the Therapeutic R search Corporation of Great Britain, Ltd 18 Rupert Street, London, W.1.

Mr. R. J. Orchard, M.P.S., has bee appointed by the Buxton Co-operativ Society, Ltd., as superintendent of th pharmacy at Spring Gardens, Buxton.

Mr. A. G. M. Madge, M.P.S., has bee appointed superintendent chemist of th Plymouth Co-operative Society, Ltd., i succession to Mr. A. Downing, who wi shortly retire.

Mr. J. B. E. Patterson has been ap pointed provincial specialist adviser i chemistry for the south-west region of th Ministry of Agriculture's National Agricul tural Advisory Service. Mr. Patterson i at present head of the laboratory at Dart ington Hall, Totnes.

Forsters (Dawdon), Ltd., has bee adopted as the new title for Dawdon Dru Stores, Ltd., 12 Queen Alexandra Road Seaham, co. Durham; the company is t commence trading as chemists on Novem ber 25. Forsters, chemists, 29 Churc Street, Seaham, are continuing to trade in dependently.

PERSONALITIES

Mr. Norman Sheldon (vice-president he British Association of Chemists), was urned to the Twickenham borough coun- on November 1.

Councillor Miss Florence Robinson, irector of Robinson & Sons, Ltd., surgi- dressing manufacturers, Chesterfield, been elected mayor of Chesterfield.

Mr. Donald M. McIntosh, M.P.S., 13 th Street, Elgin, Morayshire, was a suc- ful candidate in the Elgin municipal tions recently.

Mr. J. Allen Jones, M.P.S., 21 Moor e, Great Crosby, Liverpool, 23, has been cted mayor of Coventry. Mr. Jones is a mer president of the Crosby Pharmacists' ociation, and is an active member of the sby Chamber of Trade.

Mr. J. Davidson Pratt, director and retary, Association of British Chemical nufacturers, has arrived in Austria, with F.B.I. trade mission. The mission will nd a week in Austria and will hold con- sations with the Economic Division of Allied Control Commission, trade or- nisations and industrialists in Vienna.

Mr. Hugh L. Freeman, a son of Mr. and s. B. Freeman (Freemans, chemists, Al- ncham, Ches), who gained an open olarship to St. John's College, Oxford, 1945, has now gained a university sup- mental award and Cheshire County ajor Scholarship. He is seventeen years d and a pupil at the Altrincham Grammar hool for boys.

Councillors Dr. and Mrs. Savage are king re-election to Bolton, Lancs, town uncil. Dr. Savage qualified as a phar- acist in 1920 and became managing direc- r of a limited company owning four shops Bolton. He later returned to Manches- r University to qualify M.R.C.S., R.C.P. He was first elected to the coun- in 1937 and is vice-chairman of the blic Health Committee.

MARRIAGES

Golden Wedding.—Thompson-Jackson. -At Grimsby, on November 18, 1896, lfred T. Thompson, M.P.S., Derby, to lara J. Jackson, Grimsby. Present address: A Leigh Road, Leigh, Lancs.

Silver Wedding.—Loudon—Scott.—At otherwell, on November 2, 1921, Thomas oudon, M.P.S., to Martha H. Scott. resent address, Thorndene, 11 Parkside oad, Motherwell.

DEATHS

Blackie.—The Scottish Wholesale Druggists' Association writes intimating the deep regret of its members at the sudden death of Dr. Blackie, a partner in Duncan, Flockhart & Co., Edinburgh (see *C. & D.*, November 9, p. 588). Dr. Blackie represented his firm in the interests of the Association for a number of years, and his valuable assistance in many decisions will be greatly missed. In 1944 he was appointed vice-chairman of the Association, and was to follow in the chair at the beginning of 1947. At the memorial service the Association was represented by the chairman (Mr. J. H. Ramsay, W. & R. Hatrick, Ltd.) and by other members.

Egan.—On October 31, Mr. C. Egan, Hollybank Avenue, Ranelagh, Dublin. From 1926-38 Mr. Egan was representative throughout the British Isles for Kaylene, Ltd. During the past eight years he had concentrated his activities on Eire and Northern Ireland.

Johnson.—At Crossways Orthopædic Hospital, Cowbridge, on November 1, after an illness stoically borne for eight years, Miss Mary Elizabeth Anne Johnson, M.P.S., Green Lanes, Ty Gwyn Crescent, Penylan, Cardiff. Miss Johnson qualified in 1921—the first woman to qualify from the Welsh College of Pharmacy. For twenty-one years associated with Robert Drane, Ltd., 16 Queen Street, Cardiff, she was a sister of Mr. Alec S. Johnson, J.P., M.P.S. (a director of the company). Miss Johnson was a life member of the Cardiff Pharmacists' Association.

Jones.—At 24 Market Place, Penygroes, on November 5, Mr. Humphrey Jones, aged seventy-six. Mr. Jones was a director of Humphrey Jones & Sons, Ltd., Carnarvon and Penygroes.

WILLS

Mr. William Henry Fowler, M.P.S., The Pullings, London Road, Knebworth, Herts, formerly of Carshalton, Surrey, left £15,344, with net personalty £11,544.

Mr. George Wilfred Sherwood, 15 Parklands, Ilkley, Yorks, formerly a representative of White, Tomkins & Courage, Ltd., essence distillers, Reigate, Surrey, left £5,438, with net personalty £4,111.

Mr. Harvey George Kay, M.P.S., Oakleigh, Banchory, Kincardines, former director of Davidson & Kay, Ltd., Aberdeen, left personal estate in England and Scotland valued at £18,061.

TRADE NOTES

Pellets Without Points.—W. James Davies (Western), Ltd., Queen's Chambers, Queen Street, Cardiff, have available, for the time being, supplies of Likro-Menths liquorice and menthol pellets. Conditions of sale are given elsewhere in this issue.

In Good Supply.—Kaylene, Ltd., Waterloo Road (North Circular Road), London, N.W.2, point out that ample stocks are now available of the whole range of the company's products.

Sole Agency.—Emmet Distributing Co., Ltd., 140 Park Lane, London, W.1, announce that they have been appointed sole selling agents in the pharmaceutical field for Ratoid biscuits and Mousecrumbs. Inquiries should be addressed to the company.

Standard Ether.—Howards & Sons, Ltd., Ilford, nr. London, point out that although ether was first used for anæsthesia a hundred years ago, it has been made continuously by the company for 148 years. Howards' standard ether is claimed to be "still the best."

Special Christmas Packs.—W. Sutton & Co., Druggists' Sundries, London, Ltd., Horseshoe Lane, Chaseside, Enfield, Middlesex, have made available special Christmas packs of Diana Marsh cosmetics, powder puffs and cosmetic bags. Details are given in the company's announcement on another page.

Again in Supply.—J. & E. Atkinson, Ltd., 24 Old Bond Street, London, W.1, state that it has now become possible to offer limited supplies of Atkinsons eau de Cologne of the high quality associated with this product since the Paris exhibition of 1878. Allocations are being made on an equitable basis.

Formula Modified.—Pharmax, Ltd., Ibex House, Minories, London, E.C.3, state that, owing to priority requirements for bromide of mesothorium, they are unable to obtain further supplies. For this reason, when existing stocks of Ralgex brand analgesic are exhausted the product will be marketed to an amended formula.

Cotton Shortage Alters Supply Position.—The Alcock Manufacturing Co., Birkenhead, state that since their advertisement in this issue was drafted the supply position of cotton has changed and that, in consequence, only moderate supplies of their porous plasters will be available. Orders will be dealt with in strict rotation.

Change of Title.—C. J. Hewlett & S Ltd., 35 Charlotte Road, London, E.C have applied the title Mispep to the p paration mist. pepsinæ co. c. bismu (Hewlett's) which for over eighty years been available as a specific for use in gas and digestive disorders. The preparatio available in amber bottles of eight a twenty fl. oz. Terms and discounts given in the company's announcement another page.

Publicity for Exhibition Goods.—T Council of Industrial Design, Tilbu House, Petty France, London, S.W., issued a statement making it plain that a impression that the Council is not in fav of the mention of goods shown at "Britain Can Make It" exhibition in tra or general Press advertisements is erroneo Manufacturers whose goods have be selected for display at the Exhibition entirely free to include a notice to t effect in advertisements or shop-wind displays.

Nylon in Toilet Brushes.—The Briti Brush Manufacturers' Association recen asked the manufacturers of toilet (oth than tooth or shaving) brushes whether th were in favour of the existing prohibiti on the use of Nylon mixed with oth materials in toilet brushes. The majori of those who replied stated that they we in favour of continuing the prohibition, a the Association informed the holders of t trade mark, Imperial Chemical Industri Ltd., accordingly. The company has a nounced that it agrees with the majori opinion of the manufacturers and inten to continue to make it a condition of sa for Nylon that the material shall not used mixed with other materials in toil brushes. The prohibition does not app to shaving brushes or brushes other tha toilet, but does apply to tooth, hair and na brushes.

£1,000 Display Competition.—The ou standing success of the first post-w window-display competition organised J. W. Simpson (Chemist), Ltd. (see *C. & D* October 5, p. 440), for their product Sim son's foot ointment, has encouraged th manufacturers to announce a second displa competition, this time for Simpson's lin ment. Prize money has been increased £1,000. The country has been divided int eight areas, each having a first, second an third prizes of £50, £25 and £5 respec tively, and ten consolation prizes of £2 2

Twenty - five Years' Service. — Employees of the Scholl Foot Comfort Service (Scholl Manufacturing Co., Ltd., 182 St. John Street, London, E.C.1), who have completed twenty-five years with the company, met recently at the company's head offices in London. In the centre (front row) is Mr. R. G. Richardson (director and secretary), with Miss Grover (service department), and Miss Parker (depôt statistics department).

h. In addition, there are national prizes, l the first national prizewinner can win much as £200. Prizewinners will be ertained at the Savoy Hotel, London, h all expenses paid. The competition play period is in January 1947. Full ticulars may be had from the company 42 Museum Street, London, W.C.1.

Campaign for Homœopathy. — The tish Homœopathic Association has nched a campaign to demonstrate to armacists that, whatever their feelings out homœopathy, there is a persistent l steadily increasing demand for homœothic medicines. Booklets entitled "Be e the Doctor Comes" are being circued to all members of the Association; y deal with all usual ailments from cken-pox to wounds, give advice on ich medicine to use, and include a short tory of homœopathy. Terms on which

pies of the booklet are available for sale ay be obtained from the Association at Russell Square, London, W.C.1. Also ailable for sale through pharmacists only e two boxes, each containing one doz. sorted bottles of homœopathic remedies. he boxes are self-contained display units.

Proprietary Articles Trade Association

Additions to Protected List.—*Christie, George & Co.,* Calobalm antiseptic calamine balm, 18s. doz., tax 3s. doz., inclusive retail price 2s. 6d.

Luma Products, Ltd., Luma 96 bath salts, 20s. doz., tax 20s. doz., i.r.p. 3s. 11d.

Alterations.—*Max Factor Hollywood & London (Sales), Ltd.,* Max Factor face powder now packed in one size only: 20s. doz., tax 19s. doz., i.r.p. 4s. 1d.

Milton Antiseptic, Ltd., Revised terms, Milton antiseptic, 3-oz., 7s. 10½d. doz., tax 1s. 4d. doz., i.r.p., 1s. 8-oz., 15s. 9d. doz., tax 2s. 7½d. doz., i.r.p., 1s. 11½d., less allowances of 5s. on £2 parcels; 7s. 6d. on £3; 10s. on £4; 16s. on £6; 28s. on £10. Terms apply only to Milton antiseptic. 2-oz. size withdrawn. Milton denture-powder: Bonus terms temporarily suspended.

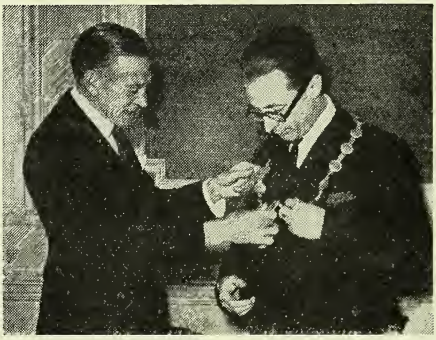
Scram Products: The product Scram is now described as Scram mouse repellant.

Shadforth Prescription Service, Ltd., Shadforters, 13s. 6d. doz., tax one-sixth, i.r.p., 1s. 8d.; 24s. 9d. doz., tax one-sixth, i.r.p., 3s. 1d.; 42s. 9d. doz., tax one-sixth, i.r.p., 5s. 4d.; 13s. 6d., 121s. 6d. doz., tax one-sixth, i.r.p., 15s. 1½d. Shadphos, 18s. doz., tax one-sixth, i.r.p., 2s. 3d. 31s. 6d. doz., tax one-sixth, i.r.p. 3s. 11d.; 58s. 6d. doz., tax one-sixth, i.r.p., 7s. 4d.; 162s. doz., tax one-sixth, i.r.p. 20s. 3d. Blue Lions, 24s. 9d. doz., tax one-sixth, i.r.p. 3s. 1d.; 42s. 9d. doz., tax one-sixth, i.r.p. 5s. 4d. White Lions, 13s. 6d. doz., i.r.p. 1s. 8d. 24s. 9d. doz, i.r.p. 3s. 1d. Neverill Old Salts, 11s. 3d. doz. i.r.p. 1s. 5d.

PRESENTATION TO CHEMISTS' FEDERATION

At a luncheon held in London on Thursday, November 7, a President Chain and Badge of Office was presented to the Chemists' Federatic (formerly Chemists' Friends Association). The presentation was mac by Captain R. C. Kelly, O.B.E., the managing director of the Crook Laboratories, Ltd., donors of the insignia.

THE members of the Council of the Chemists' Federation held an informal luncheon at the Connaught Rooms, London, on Thursday, November 7. THE PRESIDENT (Mr. E. W. Godding), was in the chair. Among those present were Captain R. C. Kelly, O.B.E. (managing director, Crookes Laboratories, Ltd.), Messrs. C. C. Looker, J. D. Bohn, N. Dewey, O. N. T. Davenport, R. C. Feather, E. A. Brocklehurst, W. T. Elder, J. Hearle, S. J. Stearn, R. A. Peck, F. J. Smith and R. L. C. Money, with Mr. G. A. Mallinson (secretary, N.P.U.), and Mr. R. Kemp (secretary, Chemists' Federation)



Captain Kelly making the presentation to the President (Mr. E. W. Godding).

CAPTAIN KELLY, in making the presentation of the chain and badge of office to be worn by presidents of the Chemists' Federation, said:

You have extended to us the privilege of presenting this badge of office to the Chemists' Federation owing, perhaps, to the fact that we, among others, have been probably among the oldest of those from whom grew the organisation known as the Chemists' Friends. That association has now become the Chemists' Federation and it is a happy coincidence that the date synchronises with the presentation of this badge. The development to which I have referred would never have been possible but for the inspiration, energy, and ability of Mr. Mallinson, with the devoted help of a few men who are now in this room. It is interesting to reflect on our first meetings in 1935 and, later, the meetings throughout the following years (for I well remember my meeting with Mr. Mallinson when his house had been "blitzed" and when we were all irritated by enemy attacks).

We in this room, representatives of the Chemists' Federation, are a three-fold company, serving, as we believe, first the pu lic, to their advantage and security, a then ours, to our own. The object of us all to promote friendship and co-operati between manufacturers, wholesalers, a retailers, and to forbid the sale of medicin to other than qualified men. In 1941 yo association took an important step and s up standards touching the quality of t manufactured products and the clai made in respect them by which product would admitted to your l unless these sta dards were observe We have examin with care your pr pectus and yo rules, and as they a applied to your wo you will certain gain the confiden and good will of sections of the pu lic. It is obvio from the comprehe sive nature of yo standards that t Chemists' Federati is well ahead of any other organisation this field.

I asked the Court of the Worshipf Company of Goldsmiths to appoint a co mittee to select designs for the chain a badge. They examined forty-seven desig Then the committee supplied four select designs which were submitted to t Chemists' Federation. Of those desig you have elected to choose this badge, a we think you were right. Then the Wo shipful Company of Goldsmiths select the craftsmen to carry out these desig I would like to add that, having had so experience of the designers of recent yea and, indeed, rejoiced in examining the wo of their predecessors of centuries ago, I a convinced that the designers of today a as good as they have ever been. So, M President, I am about to place this colla on your shoulders to keep and hold, a then hand to your successors for ma

erations. I trust and believe that they wear it as worthily as I am sure you . I give to the Chemists' Federation, r successors, and to you, Mr. President, mark of our respect and regard for the emists' Federation and for its president.

THE PRESIDENT, in accepting the gift, l:—There is little need for me to say proud I am to receive this badge and in of office on behalf of the Chemists' leration. Captain Kelly has referred to happy coincidence of the change in ne, taking place at the same time as this sentation. To me these things are the re obvious signs and symbols of the wth and development of the Federation, ich, as Captain Kelly has pointed out, s born largely as a result of the fertile gination of Mr. Mallinson. The Federa- n now has its own organisation and is istered as a trade union independently any other body. Even more important he development in policy which requires t all products now admitted to the C.F. must satisfy specified standards. No one, now, has been more gratified than Mr. llinson to see one of his children grow full stature, but unless I am very much taken, he need never fear a departure m the Federation's primary objective, mely, pharmaceutical and medical pro- cts for the pharmacist, and the promotion goodwill and co-operation among its nufacturer, wholesaler and retailer mbers. I often wonder whether we our- ves sufficiently appreciate the importance d unique character of our membership, nprising as it does the majority of retail armacists and the majority of the more portant wholesalers and manufacturers. ere can hardly be a more satisfactory oof of the soundness of the foundations on which the Federation has been built n the spirit of friendship and co-opera- n which is so clearly in evidence at coun- and committee meetings. I should like pay my personal tribute to this high ndard of conduct, since it lightens, enor- ously, the task of any president in co- dinating the efforts of the three sections presented on the Council.

May I make a brief reference to our sec- tary, Mr. Kemp, and our assistant secre- ry, Mr. Green, upon whose efforts so uch inevitably depends. Their energy d efficiency are second to none. The inion is widely held that the Chemists' deration has an increasingly important rt to play touching upon all questions fecting the sale of medical and pharma- utical products. Obviously it is impor- tant that there shall be no question as to our policy, although from what has already appeared, that has been made abundantly clear. If I had to express, in a word, the essentials of our present policy, it would be, I think, the retention and development, through the pharmacist, of legitimate business. In the application of that policy, I can say, with considerable assurance, that the Council is of one mind in its determination to provide a genuine service to the public and thus safeguard the best interest of all concerned.

MR. MALLINSON briefly outlined the origin and development of the Federation and said the honour conferred on the Federation in the form of a most generous gift of the president's insignia of office, was a source of great satisfaction to him.

MR. W. W. KNOTT (manufacturers' section), MR. F. J. SMITH (wholesalers' section), MR. T. HESELTINE (retailers' section), MR. J. D. BOHN (treasurer) and MR. S. J. STEARN, a former president, expressed their appreciation and thanks to the donors of the President's chain and badge of office and referred to the happy relations that existed between the three sections.

15-SECOND PHOTOGRAPHS

AN apparatus which can project photographs on to a screen fifteen seconds after they are taken was demonstrated in Rochester, U.S.A., recently. The apparatus, which was developed during the war by Eastman Kodak Co., for a secret process, consists of a combined camera, processing cabinet and projector. It is an automatic instrument using special 16-mm. film, and provides continuous "exposure-to-projection photography." The instrument pulls the film-strip intermittently along a track inside a camera. At intervals a photograph is made of objects before the lens, and the film is moved to bring a new frame into position. Meanwhile, a bottomless cup descends on to the section of exposed film, and a few drops of hot solutions are squirted in sequence on to the film. Because of the comparatively high temperature (140° F.), processing is completed in about nine seconds, and the chemicals are then cleared from the film by vacuum. The nearly-dry photographic image, a direct positive picture, is then pulled to the projection system where air pressure completes the drying, cools the film, and holds it flat during immediate projection on the screen. The complete cycle from exposure to projection is repeated every fifteen seconds, and the record is permanent.

N.P.U. SILVER JUBILEE CONFERENCE

Delegates deliberate on fifty resolutions and decide the Union's pol for the coming year. Board of Trade spokesman is guest at lunche

OPENING the Silver Jubilee Conference of the National Pharmaceutical Union held recently in London, MR. H. A. STEINMAN (chairman) paid tribute to Mr. Mallinson (secretary) and to Messrs. John French, John Hague, and A. R. Melhuish (treasurer), all founder members of the Executive.

MR. STEINMAN reviewed the history of the N.P.U. during its twenty-five years of existence (see *C. & D.*, June 1, p. 685) and the scope of its activities.

Motion of Confidence

A resolution expressing complete confidence in Mr. Mallinson and the N.P.U. was proposed.

MR. J. L. HIRST, Liverpool, said that he was rather intrigued that a resolution of this nature should be put at the beginning of the agenda instead of at the end, as was usually the case. If it were at the beginning of the agenda, why were they there at all? —MR. MALLINSON could not see why they could not express confidence in the N.P.U. and then proceed to tell the Executive what to do. The resolution was carried unanimously.

Delegates' Expenses

A resolution was proposed that provision should be made for the expenses of a locum if required by a delegate attending conferences. MR. MOTHERSDALE, Middlesbrough, said the idea was to encourage the chemist to act as a delegate. MR. PERRY, Romford, asked for an amendment providing that the person engaged as such should be recognised as a locum and not a person transferred from one branch to another. THE SECRETARY answered that it would be very difficult for the Union to carry out such a resolution because there were not the men available. It would be administratively difficult for headquarters to check demands made by members in regard to a locum service. He foresaw arguments. MR. CLUBB, Liverpool, supported Mr. Mallinson. The amendment was withdrawn and the resolution lost

Resolutions that the N.P.U. should reinstitute a locum service for its members at the earliest possible moment, and that the present N.P.U. locum panel should be publicised and increased as soon as possible, were accepted. The following resolutions were then considered: "That the N.P.U. should take all possible steps to ensure that there is a qualified chemist on the staff pricing bureaux who should be the Supe tendent." The resolution was carr "That the formation of a chemists' super nuation scheme available to all quali chemists be seriously considered by N.P.U. executive." The resolution was l "That the Sickness and Provident Soci benefits be extended to include a pens scheme." The resolution was withdra

Shares in Provident Society

MR. COLLINS, Birkenhead, proposed t the maximum number of shares that mi be held in the Sickness and Provid Society should be the lowest number nec sary to allow a member to draw the J.I scale wage for a locum. THE SECRETA said that at the present time the Soci provided benefits up to £6 per week. go up to the J.I.C. scale would be to go £7 10s. per week. That would mean t instead of the present twelve shares th would have to be fifteen. If they wan the extra shares they could have them l they would have to pay for them. T resolution was lost.

MR. DRING, Peterborough, proposed t all pharmacists should be allowed to join N.P.U. to swell the power and benefits the N.P.U. MR. GOODALL asked what h happened to the scheme by which emplo pharmacists could become members of N.P.U., and why it could not be opera now. MR. MALLINSON explained the form tion of the National Pharmaceutical E ployees' Union and how the N.P.U. operated with it. The N.P.U. was a uni body and should remain like that. The solution was defeated.

The following proposals were lost af discussion: That the N.P.U. annual su scription should be increased, the amou of the increase being made available to a branch for local activities in proportion membership, and that an annual allo tion of 2s. 6d. per member should be ma to each active branch; that members el ted to the Executive Committee should at the time of election pharmacists in ret business in the area for which they we candidates; and that a member could elected for an electoral area other than th in which he was engaged in retail busine only when there was no candidate fro that area.

he following resolutions were then ied: That nominations should be signed six members of the Union engaged in il business within the area for which y were nominators, the nomination being ntersigned by the candidate; that the cutive Committee should be empowered decide whether any candidate was ually engaged in retail business; and that Executive member should represent e than one electoral area.

Mr. J. A. Dale, Staffs, proposed that reideration of the sizes of electoral areas members of the Executive should be ituted with the object of creating a er contact than exists between individl members and their representative on Executive Committee. Mr. Sherwin, ke-on-Trent, seconded. The Secretary e an undertaking that the Executive ld go carefully into the matter, and the lution was withdrawn.

tional Health Service

Mr. Tristram opened the discussion on National Health Service. The work of Joint Committee had had two aspects. e first had been the parliamentary aspect, leavouring to strengthen the pharmaceul representation, and the second to be dy for the time when the Bill was passed. e N.P.U. had not been successful in uring increased pharmaceutical repretation on the Central Health Services ncil. Members could rest assured that re would be a Pharmaceutical Standing mmittee. It was probable that regional rmaceutical representation would be ilable probably through the local hospi management committees. Pharmaceuti services would be provided by pharmas. The pharmacist who practised vately would have a contract with the cutive council, but the pharmacist gaged in the health centre would be ponsible to the medical officer of health, d therefore to the local authority. Medi practitioners would not provide medies except when necessary in rural areas. The Joint Committee on a National Pharceutical Service, said Mr. Tristram, had plemented a Joint Conference resoln and set up a Negotiating Committee. ere was a preponderance of contractors the Negotiating Committee. It had been cided that the Committee ought to be in ssession of certain data concerning the st of training in other comparable calls and the remuneration which people in se callings could command. A contant had been engaged, and a small committee to work with the consultant and to direct him about technical data. The report would come before the meeting of the Negotiating Committee. The object of the data was to assess the value of the pharmacist's services to the community as a pharmacist and find out what it costs to do a job of dispensing in the pharmacy. They were advised that it would be necessary to have figures accepted from a suitable proportion of their members. Something like 20 per cent. of N.P.U. members would be asked to give data concerning the cost of the dispensing service.

A liaison committee with the British Medical Association had been arranged to confer with representatives of the Joint Committee on a National Pharmaceutical Service on matters of common interest. The N.P.U., the Pharmaceutical Society and the employees were represented on the Committee. The doctors did not want to be tied down to a Ministry of Health formulary. A modified B.P.C. formulary had been suggested as preferable. The doctors were concerned as to how dispensing would be done in rural areas. Mr. Mallinson, on behalf of the pharmacists in practice, had said that chemists would be prepared to give the service everywhere in the country, and would arrange plans for the areas so that the service might be given.

Mr. Clubb, Liverpool, proposed a vote of confidence in the Joint Committee and a vote of thanks to Mr. Tristram.

Remuneration

A resolution that, under the proposed National Health Service, the remuneration to the chemist should be adequate, was carried. Mr. Appleby, Nottingham, proposed that the N.P.U. quarterly price list should be the basis of any future contract with the Ministry of Health. The resolution was carried.

A resolution that the scale of dispensing fees should be revised and brought up to date and in line with present day expenditure was withdrawn. Also withdrawn was a resolution that all pharmacy organisations should discuss the terms of contract to be made with the Ministry of Health and, if agreement could not be reached, all contractors should be entitled to express their views by a referendum. It was next proposed that the N.P.U. should be asked to agitate for a greater pharmaceutical representation on the Executive Councils under the National Health Service (i.e., four members instead of two). The resolution was carried with an amendment that the

N.P.U. should "continue to agitate." A resolution that the N.P.U. quarterly list should be increased in scope to cover all drugs, etc., and National Health Insurance and National War formulas in common use was carried with the omission of all words after "etc."

A motion that the ultimate possibility of non-co-operation and absolute rejection of unsatisfactory terms must be prepared for was also carried.

Two resolutions relating to minimum fees payable to chemists under the new Health Scheme and revision of the N.P.U. price list to meet increased business expenditure by retail chemists were both withdrawn.

C.F. Supplies to Drug Stores

A resolution that a datum line should be fixed for the cessation of supply of C.F. goods to businesses converted to drug stores during the war was moved by a Leeds delegate and seconded by a delegate from Coventry. THE SECRETARY agreed that a datum line should be fixed, but said that it could safely be left to the C.F. Council. The resolution was carried.

Chemists' Federation Scheme

MR. RICHARDS, Merthyr Tydfil, proposed that the Conference should urge the N.P.U. to prosecute the C.F. scheme to its utmost capacity. The motion was carried unanimously.

MR. TOMLINSON moved that C.F. preparations should carry a minimum profit of 33⅓ per cent. on retail sale, and that in return chemists should give a full measure of preference to all C.F. products. MR. CRONIN, Manchester, seconded. THE SECRETARY stated that several C.F. manufacturers had expressed a desire to increase their profits, but the Prices of Goods Act had not allowed them to do so. Recently at C.F. meetings they had been insisting on 33⅓ per cent. on all new lines.

A resolution was passed that the makers of a well-known brand of antiseptic should be approached with regard to inclusion in the C.F. list.

"That all manufacturers of any article place on the C.F. List shall agree not to remove that article from the list for a period of ten-fifteen years" was moved by a delegate from Rhondda, who said that it was no good building up the sale of a product and then having it taken off the list. The motion was withdrawn after discussion.

A resolution "That loans with or without interest be accepted for the N.P.U. Business Purchase and Guarantee Fund at a lower figure than £100 (not necessarily qualifying for membership if below £100)" moved MR. WRIGHT, Peterborough, and second by MR. DRING, Peterborough, was agre as was a resolution that prospective sell of businesses should be encouraged to g advance information to the N.P.U.

Equal Pay for Men and Women

A resolution calling for an increase the Joint Industrial Council scale of wa and for further consideration to equal p for men and women was withdrawn af an explanation by MR. NOBLE and a sta ment by THE SECRETARY that the scale v a minimum scale.

A resolution that the salary of a manag should not be related to turnover was a withdrawn. Resolutions that all propr tary medicines should bear the tax-inclusi price on the package, and that such me cines should carry a minimum discount fr the wholesaler of 33⅓ per cent., w carried without discussion.

Speaking upon a resolution that a ph macist in a "one-man" business w entitled by right to a fortnight's holiday p annum, THE SECRETARY reminded de gates that a pharmacist could not just wa out and close his shop; he had his contra to consider.

Labels of Schedule 4 Poisons

The N.P.U. is to approach all manufa turers of Schedule 4 preparations requesti them to include on the label the descripti Schedule 4, following the adoption of a res lution to this effect. An amended resol tion that wholesalers on the clearing-hou list should endeavour to render statemer by the tenth of the month was adopted.

A delegate from Somerset proposed resolution dealing with the distribution baby foods, and THE SECRETARY told t Conference that conversations had be going on with the Ministry of Food on t subject. He thought that the Ministry Food would be prepared to consider scheme of distribution by chemists wh the Food Offices had to be closed. The Co ference agreed.

THE SECRETARY informed the Confe ence that the National War Formulary w being reconsidered. A delegate asked Latin titles could be included, and TH CHAIRMAN thought that that was possibl

Conference Luncheon

A luncheon on October 31 to celebra the silver jubilee was attended by the del gates to the conference. Mr. J. W. Belch (Parliamentary Secretary to the Board Trade) was the principal speaker.

ALLEGED FALSE RETURNS

DAME Lea Espir and Alfred Skelt, West-rne Street, Paddington, were sent for l at the Sessions from Marylebone court November 8, but allowed bail each in 000. The hearing was of summonses by Customs and Excise authorities that, ween September 1943 and July 1944, y used, with intent to deceive, a sales book purporting to contain a record ll sales of goods chargeable to purchase made by Lea Espir, trading as Maquil-e et Cie, but omitting certain transac-ns, and for furnishing returns which were e in that they showed insufficient pur-se tax payable. Another summons in ect of alleged understatement of pur-se tax payable between April 1 and June 1944, was withdrawn. The prosecu-n alleged that Maquillage et Cie, ough Madame Espir and Skelt, sold cos-tics to various people and that the sales h which the Court was concerned did go through the books of the company. nsequently, the returns made from the ks were false. Evidence was given of n invoice" and "off invoice" trans-ions with the defendants by Charles nry Pullen, Salisbury; of repurchase nsactions by Mary Hoyer, Kensington k Gardens, London, W.1; and of pur-ses, paid for in cash, by Violet Toombes, h Road, Wembley.

stoms Evidence

A Customs officer said that Maquillage et was registered for purchase tax, but quillage et Cie, Ltd., was not. He asked dame Espir by what process it was ided which concern would invoice which ds, and she told him that, from July 3, the limited company had been used invoice to customers goods which were subject to Board of Trade control. He d her he understood that the limited com-ny invoiced goods, tax was charged on full value to the customers, and that the end of each month the firm invoiced goods delivered in that month by the e of an invoice to the limited company. th defendants confirmed this. He also d he understood that, irrespective of who oiced the goods to the retail customer, the goods came from the stocks of quillage et Cie. He further said he derstood Maquillage et Cie, Ltd., sold y goods supplied by Maquillage et Cie d the limited company did not purchase ds from any other source, and that refore all goods sold by the other concern bore tax either directly on the goods in-voiced by the firm, or by invoices issued by the firm to the limited company. Both defendants agreed to this. He found in the purchase tax records of the company records of sales to persons named Brinson, Miss Toombes, Mrs. Bowles and Pullen, but in regard to Brinson there was no record of the sale of certain goods to the value of £30; in regard to Miss Toombes no record of the sale of £180 worth; in regard to Bowles, no record concerning £30 worth; and in regard to Pullen no record of about £1,000 worth of goods delivered to him. He also found no record of sales to Mary Hoyer.

TAX OFFENCES ADMITTED

A MANUFACTURING chemist, Albert Kenwyn Balch, 15 Albert Road, Caversham, Reading, was fined £120, with £15 15s. costs, at Clerkenwell, London, magistrates' court, on November 5, on three charges of failing to furnish purchase-tax returns covering periods up to September 30. He admitted the offences. For the Customs and Excise, it was stated that Balch had conducted a business as a research chemist at Cardiff, had traded as Williams, Balch & Co., at Buchanan Buildings, London, E.C.1, and had manufactured toilet goods and drugs at 350 Walworth Road, London, S.E.17. He had made repeated promises to send the returns and make the payments, all of them plausible, some verbal and some in writing. Summonses against him could not be served, and a warrant had had to be issued for his arrest. Every opportunity had been given to him to settle the matter, but he had deliberately placed every obstacle in the way. Counsel read a long letter written by Balch in which he said he was conscious that undertakings made by him had not been carried out.

Reasons For Failure

He blamed insufficient capital, illness, lack of interest on the part of trusted employees, and "bad faith on the part of some suppliers," for his failure to carry out his obligations. He also referred to "unscrupulous people" who had tried to secure either his business or his downfall. Balch told the magistrate that he had tackled the business at a time when he ought not to have done so. He was given the alternative of two months' imprisonment on each charge, and allowed fourteen day in which to pay.

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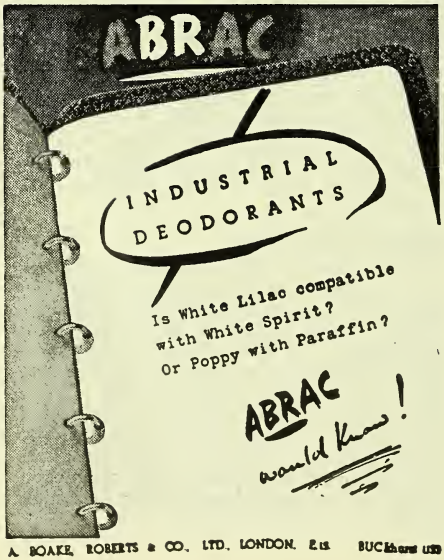

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. CXLVI NOVEMBER 16 1946 NO. 3484

An Unsatisfactory Order

E anomalous position in which the chem- may sometimes be placed as a result of atisfactory drafting of certain Statutory lers was brought to light recently fol- ing the issue of an Order concerned h, amongst other matters, the supply of tain medicated confectionery by chemists the prescription of a doctor (see *C. & D.*, tober 19, p. 483). The Order in question R. & O., 1946, No. 1639, issued by the nister of Food) was an amendment to Chocolate, Sugar Confectionery and coa Products (Control and Maximum ces) Order, 1944, and contained a clause mpting from restrictive provisions of the endment "a preparation made up and plied for the use of a particular person, ng an article prescribed by reference to needs of that person, and supplied on d in accordance with a prescription given a registered medical practitioner." As s clause has the force of law, its impli- tions call for careful consideration by emists, all the more so because the Order 1944 contains a similar clause and might claimed as a precedent. Under the clause prescription for medicated confectionery comes virtually a legal document, but like other prescriptions that have under- ne the same transformation (e.g. prescrip- ns for "dangerous drugs"), not all the nsequences implicit in the Order have en made clear, in fact it has been issued an unfinished state. While it would be pid to control the supply of a simple but rce medicament with an iron grip like the Dangerous Drugs Regulations, the legal position of the parties involved should be described in sufficient detail to remove confusion. As the clause stands, chemists are left in doubt on a formidable list of questions, among which are the following:—

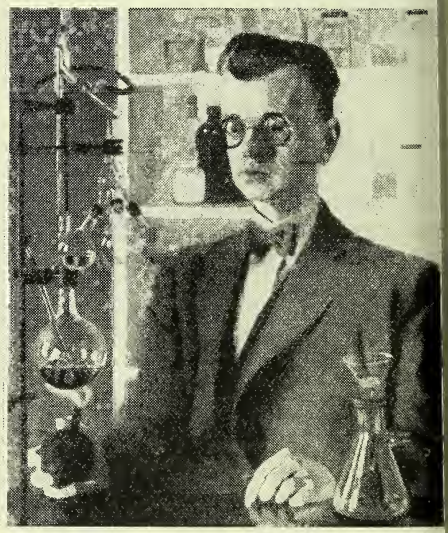
(1) What form does the Minister of Food mean the "prescription" to take (e.g. if the date is omitted, is the prescription on that account invalid?)?
(2) Can the preparation be "made up" by a non-pharmacist?
(3) Can the prescription be repeated; if so, how many times, and if not, who keeps the prescription?
(4) What records have to be kept?
(5) Should chemists forward the prescription or records to any authority?
(6) Is there to be an inspection to see that the transactions are conducted as the Minister of Food intends?
(7) Are chemists subject to penalty for infringement of regulations?
(8) How may these preparations be supplied to patients in hospital?
(9) Is any particular form required for National Health Insurance prescriptions?

It is useful to note that the Commissioners of Customs and Excise, in dealing with freedom from purchase-tax of appliances prescribed by a doctor, lay down several specifications of the form of the prescription and transaction, penalty for non-compliance being that tax is charged. Chemists who, as a profession, have devised, on their own initiative, equitable systems of distributing scarce substances (e.g., glucose), do not need always to be bound up with red tape, but if they must be governed by Orders, it is surely the responsibility of Ministers to see that the Orders are drafted by persons possessing an intimate knowledge of the practice of pharmacy. While the amendment does at last remove anomalies of the "therapeutic dose" factor contained in previous Orders, to which attention was drawn in these columns in 1942 (January 31, p. 145); and while there are few pharmacists in fear of penalties over the question, we feel that the clause calls for a little interpretation, on which, however, the Ministry is not helpful, only stating that to interpret its own Orders is outside its province, and a matter for the Courts.

The Fall in Mercury

The reduction in the price of mercury by £5 per flask, announced last week (p. 609) brings the value of this important metal somewhat nearer to the quotations now ruling in world markets. A further reduction in price may be expected to come naturally as a result of cheaper offerings from the sources of Spanish and Italian material, and it is thought that a price level of about £20 per flask may well be reached in due course. As recently noted in these columns, mercury presents a confused picture in the American market, with low-priced offerings of Italian material tending to force down prices for domestically-p duced metal. The unknown factor in present situation is the size of the sto held by the Government, but it is presum that these are not now more than enou for a few months' supply. It may be duced from the text of the Board of Tra notice, published last week (p. 609), that is the intention to liquidate officially-he stocks at an early date or, conversely, retain these supplies against emergencies. either instance, it is not likely to be lo before mercury is completely freed fr any form of control. Developments in t connexion are awaited with interest.

Portraits at an Exhibitio



An exhibition of pictures "depicting the personnel, aspects and services of the British Chemical Industry" was staged by the Central Institute of Art and Design at the Suffolk Galleries, London, October 18 to November 9, under the title "Portraits of an Industry." All the pictures had been commissioned by Imperial Chemical Industries, Ltd., and most of them were portraits of personalities associated with the various activities of the corporation. The two reproduced above are, *left,* Mr. Arthur George Fishburn, Ph.C., F.R.I.C., by Grace Wheatley, A.R.W.S., and, *right,* Mr. Norman Haddock, B.Sc., by Doris Zinkeisen.

Mr. Fishburn is engaged in the productio of synthetic drugs. He was born at Cardif in 1910, qualified as a pharmaceutica chemist in 1933, and was for nine years lecturer at the Cardiff Technical Colleg before entering industry. Mr. Haddoc entered the company's dyestuffs branch a a "lab. boy" at the age of fifteen. He studied in his leisure and obtained the B.Sc (Honours Chemistry) degree of London University in 1928. He was selected to work for a year at Leeds University under Professor A. G. Perkin. All his work has been research in the field of organic chemistry, chiefly seeking new dyestuffs.

HARMACEUTICAL SOCIETY OF GREAT BRITAIN

November Meeting of Council

E Council of the Pharmaceutical Society Great Britain met in London on Novem- 5 and 6, the president (Mr. G. R. Knox wer) in the chair.

ituary

THE PRESIDENT reported with deep ret the deaths of Mr. J. H. Franklin, Sir lter Langdon-Brown, Dr. J. J. Blackie, d Mr. A. W. Lupton, the loss of whom, said, would be grievous to pharmacy. MR. MORETON PARRY, in a personal tri- te to Mr. Franklin, said that he had ved with distinction on the Society's uncil, was respected and honoured in his n area, and had won the affection of all o met him. He was typical of the best modern pharmacy and of the county of ncashire to which he belonged.

Of Sir Walter Langdon-Brown, THE ESIDENT said that, in the seven years of membership of the Council as a minee of the Privy Council, all his lleagues had appreciated the wonderful rk and qualities of this perfect English ntleman, so easy of address, courteous in nner and so eminent a speaker.

MR. J. C. YOUNG said he had attended memorial service to Sir Walter Langdon- own at St. Bartholomew-the-Less, Lon- n (in the grounds of St. Bartholomew's spital). There had also been memorial rvices at St. John's College, Cambridge, which Mr. E. Saville Peck was present, d at Corpus Christi College. In a brief ibute, Mr. Peck had written that Sir Wal- r Langdon-Brown, at the many meetings the Council and its Committees that he d attended, "listened to the many dis- ssions and often—at the end—contri- ted a statement which co-ordinated all e various opinions and then suggested a lution of the problem which was accept- ble to all."

ribute to Dr. Blackie

At the invitation of THE PRESIDENT, a ibute was paid to the memory of Dr. lackie by DR. TAIT (Resident Secretary in cotland), who described him as his first nd truest friend in pharmacy. Dr. Blackie, e said, was held in great respect by all harmacists in Scotland, especially those ssociated with the examination side. The neral service at St. George's West hurch, Edinburgh, was attended by epresentatives of the Society, the North British Executive, the board of examiners, the Edinburgh Branch, various wholesale and manufacturing houses, and many others.

THE PRESIDENT said of Mr. Lupton that those who had known him in the examination hall had been charmed by the consideration and courtesy with which he endeavoured to help every candidate.

Penicillin Publication

In presenting the report of the Publications Committee, MR. W. DEACON (chairman), called attention to the Society's newly published work on penicillin. PROFESSOR DILLING congratulated the Society and the Editor on its excellence.

Central War Committee's Final Report

The Council received from the Central Pharmaceutical War Committee, with the minutes of its last meeting, held on October 14, a final report on the work that the Committee had done in its seven years and nine months, 1939-46, of existence. THE PRESIDENT stated that he had received a letter of thanks and appreciation from the Minister of Health.

Examination Results

A report of the Society's examinations in England and Wales, held in September-October 1946, showed that thirty-nine candidates had entered for the Intermediate examination; sixteen had failed, thirteen were referred, and ten passed. Of forty-two who sat for a referred subject, twenty passed and twenty-two were again referred. In the Chemist and Druggist Qualifying examination fifty-one candidates had entered; four were absent, twenty-four failed, nine were referred, and fourteen passed. Twenty-three out of twenty-nine candidates sat for a referred subject, and six were again referred. In the intermediate examination in Scotland in October, the number of entrants was forty-four; fifteen failed, eleven were referred, and eighteen passed. Of nineteen candidates who sat for a referred subject, fifteen passed and four were again referred. For the Chemist and Druggist Qualifying examination, thirty-nine candidates sat; one was absent, fourteen failed, twelve were referred, and twelve passed. Twenty-five out of thirty-two entrants passed in a referred subject, and seven were again referred,

Examiners' Annual Report

The Education Committee received and authorised for publication the comments of the board of examiners on the Society's examinations held in England and Wales in 1946.

On the recommendation of the Education Committee, it was resolved that approval of the degree of Bachelor of Pharmacy of the University of London under Regulation 28 should be continued for degrees obtained under the revised regulations.

Expenditure of the College

MR. W. S. HOWELLS, who presented the report of the Joint School Committee, stated that the University had agreed to increase the grant to the College for recurrent expenditure for 1946-47 to £12,000, and in conveying this decision had quoted a statement from the University Grants Committee that "The estimated expenditure for 1946-47 of the College was taken into account on the understanding that any conditions laid down by the Court and the Senate of the University for the development of the College as a School of the University will be accepted by the Society." He moved that the dean and secretary should prepare a draft scheme for reconstitution of the governing body for submission to the Academic Board and the Joint School Committee. MR. F. G. WELLS suggested that a decision should be deferred, since the statement read appeared to imply that any conditions laid down by the University must be accepted by the Society. MR. H. M. HIRST agreed, and proposed that the rest of the minutes of the Committee should be taken after conclusion of public business. THE SECRETARY pointed out that the conditions laid down by the University would be negotiated conditions, and if the Council did not like them the whole thing would fall through. When a body was proposing to contribute substantial sums of money, he suggested that it was not unreasonable for it to say that conditions must be attached, but it would be for the Council to decide whether to accept those conditions or not. It was agreed to postpone the matter until after the conclusion of public business.

Examination Concessions

Fifteen applications were reported for examination concessions, of which two were not granted. Three candidates were admitted to a special preliminary examination under Regulation 3, and the remaining ten were granted apprenticeship concessions under Regulation 31 (3). Examination fees were returned to one applicar Since the previous meeting eleven conce sions had been granted to ex-Service canc dates for the Intermediate examination, ar five for the Chemist and Druggist Qualif ing examination. Of ten applications f special individual consideration, the Cor mittee granted three. Applications fro thirteen hospitals in respect of individu pupils were approved, subject to visits inspection and satisfactory reports in tv cases. It was reported that since the pr vious meeting approval had been granted 104 pharmacies. One application was n granted and one was deferred.

Educational Facilities in Newcastle Ar

MR. HESELTINE asked, on behalf of mer bers in Newcastle, whether there was ar arrangement between the Society and tl Sunderland Technical College that wou prevent the provision of facilities for pha maceutical education in Newcastle. Th felt, he said, that they should have a scho of their own in that town, and the loc authorities were willing to co-operate. Tr SECRETARY explained that the matter we back to about 1921, when a Newcast course for ex-Service students proved inad quate, and facilities were transferred Sunderland, which gradually develope into a satisfactory institution. When Ne castle students urged that their city was tl more natural centre for university educ tion in north-east England, the Sunderlar school, in view of its expenditure in becon ing established, asked the Society for guarantee against competition. To th request, twenty years ago, the Society ha replied to the effect that, while it coul not give an undertaking in perpetuity, was the intention that there should be r other school of pharmacy in the neighbou hood.

MR. HESELTINE said the Newcast members agreed that the facts were as ou lined by the secretary, but were concerne lest the arrangement might have been mad in perpetuity. MR. MAPLETHORPE sai that, on the general question, he would b strongly opposed, as chairman of the Edu cation Committee, to the opening of an more schools of pharmacy in present ci cumstances. If all such schools now avail able throughout the country were fille they would accommodate 1,200 student whereas to-day there were only 600 i them. A development that might justif a change of centre in that area would be a application from the University of Durhar to approve a degree in pharmacy.

nevolent and War Aid Funds

The Council approved a recommenda- n by the Committee, presented by THE AIRMAN (Mr. J. F. McNeal), that seven- n candidates should be selected for elec- n in December as annuitants. It was olved that a Christmas gift of £5 should given to each of eighty-five annuitants, l £1 1s. to each of eleven orphans. Grants l been made in the past month to three mbers and one widow, amounting to 6 2s. 6d. Recommendations for grants three further cases, amounting to £260, re approved. In submitting the list of cial contributions to the Benevolent nd, Mr. McNeal called attention to the siderable sum raised by Huddersfield nch. He was also glad to record an usual contribution "in appreciation of p given by the office."

The Committee reported the receipt of egacy of £50 from the estate of the late . Alban Atkin, West Hampstead, and a acy for the Orphan Fund of £100 from estate of the late Mrs. K. M. Metcalfe, ley.

rdsgrove House

In submitting the report of the Birds- ve House subcommittee, THE CHAIRMAN the Benevolent Fund Committee said t the subcommittee had been asked to lude in future reports a list of gifts and nations to the House. Replying to R. H. M. HIRST, he said that in the first ar of the establishment of the Society's nvalescent home guests had been limited the numbers of staff available. Expen- ure was well below what it was at first ought would be required.

e Society's Museum

THE CURATOR reported to the Establish- ent Committee that all the specimens longing to the Society's museum had now en returned from the British Museum. It s agreed to send a letter of thanks to r. Ramsbottom (Keeper of Botany, Bri- h Museum, Natural History Section), for e care taken of the specimens while they re in his keeping.

On the recommendation of the Establish- ent Committee, it was decided not to ake any change in the award of medals gold and silver. Authority was given for edals to be obtained for the Hanbury edallists for 1942 and 1944.

oint School Committee

On the resignation of Dr. Wallis from the aff of the College of the Society, the vacancy in this committee had been filled by Dr. J. W. Fairbairn. Vacancies for four demonstrators have been filled by the appointment of Messrs. A. M. Cook, G. Williams, J. A. Casbolt and J. E. Pascoe.

Finance Committee

The report of the Finance Committee, presented by THE TREASURER, recommended that the action of the secretary in making payments amounting to £2,273 should be approved; that the action of the treasurer in paying accounts amounting to £12,635 should be approved; and that the Trustees of the Pharmaceutical Trust should be requested to reimburse to the Society the sum of £58, part of the Education salaries for October.

Branches

It was reported by the Organisation Committee that thirty-seven branch meetings and social functions had been arranged for the remainder of the session. Balance sheets were received from eight branches, and the payment of grants was authorised. MR. F. G. WELLS (chairman of the Committee) said the Committee had suggested that, in cases where extra expenditure was necessary, an appeal might be made to the local Association. This was being done in many areas.

After lengthy consideration, the Council approved a recommendation by the Organisation Committee that the Branch Representatives' meeting arranged for February 1947 should be postponed until September and held in connexion with the British Pharmaceutical Conference at Torquay. It was agreed that, if an emergency arose, the Council should call a special meeting of Branch representatives.

Law Committee

The report of the Law Committee, presented by MR. C. DAVIS (chairman), showed that the premises of 1,271 authorised sellers, 164 listed sellers and 588 drug-store proprietors and similar traders had been visited by the Society's inspectors and agents. Nineteen cases of alleged infringements had been considered and appropriate action taken. The attention of the Committee had been drawn to the fact that various authorities had been recommending the use of sulphathiazole to bee-keepers for the treatment of certain bee diseases. The recommendations did not take account of the restrictions on the sale of Fourth Schedule substances, with the result that pharmacists were receiving demands they could not properly meet. On

inquiry the Society had been informed by the Ministry of Agriculture and Fisheries that the use of sulphathiazole for the treatment of bee diseases was not officially recommended; the Committee had decided therefore to inform members of the legal requirements.

Strychnine Offences

Concern was expressed that, despite repeated warnings against breaches of the regulations forbidding the sale of strychnine without special authority, offences were still being committed by pharmacists. THE SECRETARY said it had to be realised that the Council was performing a public duty in this matter. As strychnine was still being sold illegally, prosecutions were inevitable, but the Society limited itself to placing the facts before the courts. The Law Committee was asked to consider means of bringing the regulations again to the notice of members.

Quinine Stocks in Pharmacies

MR. J. F. MCNEAL moved the following motion of which he had given notice:—

"That this Council considers that the Cinchona and Cinchona Products and Synthetic Substitutes Orders should be revised and that stocks available in pharmacies should be made available to the public."

He pointed out that some concessions had recently been made, but tablet stocks could not be used for making preparations, and the tablets were deteriorating. THE SECRETARY said that, if licensed, pharmacists could make up quinine preparations or their own proprietaries, and the Ministry of Supply had stated that nothing would be put in the way of the issue of such licences.

The motion was passed, and the secretary was instructed to urge the Ministry of Supply to remove the present limitations.

Headship of Pricing Bureaux

MR. A. R. MELHUISH called attention to the fact that the London Insurance Committee had appointed an administrative officer as head of its N.H.I. Prescription Pricing Bureau, a post previously held, ever since the inception of the Act, by a pharmacist. There had been much correspondence on this subject, and the Ministry of Health had made it clear that they thought it important for the heads of pricing offices to be pharmacists. The Minister had reserved the right to review the matter when the new health service came into operation. Mr. Melhuish felt that the Society should place its opinion on record. THE SECRETARY did not think that, legally, th Minister could do more than express a opinion. Pharmaceutical opinion, hov ever, was much to the point. It w: decided that the secretary should raise th question in the Pharmaceutical Liaisc Committee with the Ministry of Health.

Council Election, 1947

THE SECRETARY stated that there was r necessity this year for an application to th Privy Council to modify the norm arrangements for holding elections to th Society's Council, which could according be held at the due time in 1947. Speci efforts would be made to send voting pape early to pharmacists in the forces abroa

Candidates' Election Speeches

A letter was received from MR. G. A TOCHER (secretary of the London Coun Pharmaceutical Association) concerning suggested joint meeting of the Metropolita Branches in March 1947, at which cand dates for the Pharmaceutical Council ele tion would be invited to express their view

Appointments

An invitation to the Society to be repre sented on the Technical Committee of th British Standards Institution was cor sidered, and Mr. T. C. Denston was nom nated as the Society's representative. TH SECRETARY reported that, owing to pressur of work, Professor A. M. Tyndall could nc accept appointment as a member of th Society's board of examiners. It was agree that Professor L. F. Bates should b appointed.

Netherlands Society's Centenary

A telegram from the Pharmaceutica Society of the Netherlands was received inviting the Society to send two representa tives to attend its centenary celebrations o November 12. Messrs. Maplethorpe an Adams were asked to represent the Society

Registers

The Registrar reported that, since th previous meeting, 101 persons had been re gistered as Apprentices or Students, makin a total of 447 in the current year. Th names of five pharmacists and of one set o premises removed from the registers durin the current year, and of eight pharmacist removed in previous years, had been re stored. An application from a member o the Pharmaceutical Society of Northern Ire land for registration under the reciprocity regulations was approved.

COMING EVENTS

Monday, November 18

THGATE AND WOOD GREEN DIVISION, NORTH ONDON PHARMACEUTICAL ASSOCIATION, Methodist hurch Hall, The Bourne, Southgate, London, .14, at 7.30 p.m. Dr. W. Clunie Harvey introucing a programme of medical and pharmaceucal films.

Tuesday, November 19

LET PREPARATIONS AND PERFUMERY MANUFACURERS' FEDERATION OF GREAT BRITAIN, LTD., 69 annon Street, London, E.C.4, at 10.30 a.m. nnual Meeting.

RTH LONDON PHARMACEUTICAL ASSOCIATION, orth Library, Manor Gardens, Holloway, N.7, t 7.30 p.m. Members' night.

E OF THANET BRANCH, NATIONAL PHARMACEUTIAL UNION, Queen's Head Hotel, Market Place, Iargate, at 7.45 p.m. Mr. R. H. Kemp, Ph.C. local organisations officer, N.P.U.), on "The ational Health Service and Other Matters."

TH-WEST LONDON CHEMISTS' ASSOCIATION, arpenter's Restaurant, Clapham, at 7.30 p.m. Ir. Ernest Skues on "The N.P.U., Past, Present nd Future."

Wednesday, November 20

RSEYSIDE BRANCH, NATIONAL ASSOCIATION OF OMEN PHARMACISTS, Stork Hotel, Queens quare, Liverpool, at 7.30 p.m. Addresses by embers.

SGOW AND SOUTH-WESTERN SCOTTISH BRANCH, HARMACEUTICAL SOCIETY, Institute of Accountants nd Actuaries, 220 St. Vincent Street, Glasgow, t 7.30 p.m. Mr. W. J. Tristram on "Current harmaceutical Affairs."

ST HAM AND EAST METROPOLITAN BRANCH, PHARACEUTICAL SOCIETY, Stratford Church Institute, 7 Romford Road, London, E.15, at 7.45 p.m. rogramme of scientific films.

ICESTER BRANCH, PHARMACEUTICAL SOCIETY, Boots' afé, Gallowtree Gate, Leicester, at 7.30 p.m. r. R. Clitherow, M.P., on "Pharmacy and the ational Health Service Bill."

Thursday, November 21

AMES VALLEY PHARMACISTS' ASSOCIATION, Kingson Hotel, Kingston, at 7.45 p.m. Mr. F. C. Wilson (secretary, Surrey Insurance Committee) n "The Future of National Health Insurance."

STERN PHARMACISTS' ASSOCIATION and NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Dr. J. H. Ryffel (lecturer on forensic medicine at Guy's Hospital) on "Poisons and the Pharmacist."

HEMICAL SOCIETY, Burlington House, Piccadilly, London, W.1, at 7.30 p.m. Reading of original papers on "The Kinetics of Halogen Addition to Unsaturated Compounds," and "Evidence for the Homolytic Bond Fission of 'Positive Halogen' Compounds."

UNDEE BRANCH, PHARMACEUTICAL SOCIETY, Mather's Hotel, Whitehall Crescent, Dundee, at 7.30 p.m. Mr. W. J. Tristram on "Current Pharmaceutical Affairs."

Friday, November 22

ORTH BRITISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, 1, at 7.30 p.m. Dr. F. A. E. Crew, F.R.S., (Professor of Public Health and Social Medicine, Edinburgh University) on "The Measurement of the Health of a Population."

TOKEN IMPORTS SCHEME EXTENDED

As previously announced by the Board of Trade, arrangements have been made for a small flow of imports of certain goods to be known as token imports to come into this country from Canada, the U.S.A., Belgium and Switzerland. Arrangements have now been completed for extending these facilities to France, Denmark and Sweden. Token imports of the goods included in the scheme will accordingly be admitted from individual manufacturers in France, Denmark and Sweden at the same yearly rate of 20 per cent. by value of each manufacturer's pre-war trade with the United Kingdom in the goods in question.

Licence Applications

Applications for licences to import the listed goods from France, Denmark and Sweden will be considered only when accompanied by a token shipment voucher, identifying the goods which are the subject of the application with those of a specified manufacturer in the country concerned. The French manufacturer or his export agent should apply for token shipment vouchers to the appropriate French trade organisation. A list of the organisations authorised to issue these vouchers and certificates will be published shortly in the "Moniteur Officiel du Commerce et de l'Industrie." The Danish manufacturer or his export agent should apply for token shipment vouchers to the Danish Merchants' Guild, the Danish Chamber of Commerce for the Provinces or the Federation of Danish Industries. The Swedish manufacturer or his export agent should apply to the Swedish Trade Commission (Statens Handels Kommission) at Stockholm.

Shipment Vouchers

Applications from British importers for import licences under these arrangements cannot be considered in advance of the receipt by Import Licensing Department of the requisite token shipment vouchers. Premature applications will prove only a source of confusion and will not assist in any way to secure a favourable consideration of the subsequent application duly accompanied by the necessary voucher. The procedure set out above does not affect applications for import licences for goods which are not included in the items subject to the token import arrangements. Such applications will continue to be dealt with under the existing procedure.

EXPORTS TAKE WINGS

What Air Transport Offers to the Exporter of Pharmaceutical Produc

AT one time the use of air conveyance was confined to goods having a high urgency factor, such as films, newspapers, spare parts for machinery, etc., where the need for the particular product to reach its destination at the quickest possible speed was of overriding importance. Although air transport is still the best method of dispatch for such urgent articles, the extent of its appeal has been considerably broadened, and many people are basing their present export drives on the assumption that certain of their products can now reach the overseas markets by air in a matter of hours and days, as against weeks by other methods.

Advantages for High-quality Goods

It is generally accepted that goods of high value and of low weight and small size are especially suited to air carriage. There are, however, several other important reasons why an increasing number of exporters are forwarding their high-quality goods as air freights. The packing of commodities is greatly simplified, and the exporter is enabled to take advantage of special light forms of both packing and container with corresponding savings in weight and consequently in freight costs. The reason for the reduction in packing costs is that, by the very nature of the aircraft structure, cargo must be handled with extreme care. Thus packages and contents are less liable to suffer from compression due to high stacking or from shearing strains due to rough starting and stopping of trucks. Risk of contamination from other cargoes is reduced to a minimum, and the possibility of damage or pilferage *en route* is reduced to proportions that may be safely ignored.

Speed in transit is now such that goods that would ordinarily require special refrigerator space are enabled to reach markets in excellent condition though carried in normal cargo holds; time taken in conveyance is a matter of hours instead of weeks, and the handling of the goods is reduced to a minimum. These impressive advantages of air transport are being more and more appreciated by enterprising exporters of pharmaceutical, medicinal and cosmetic items. Air transit appeals especially to manufacturers of cosmetics, drugs and serums, which may be adversely affected by long periods of storage in hot and humid climates. By intelligent use of air tra port, a small but liberally varied range goods may be maintained overseas, a necessary replacements received promp by air in first-class condition. By the of air, moreover, urgent hospital suppl reach the colonies and distant territor with the utmost speed. The latest devel ments in medical science and all that experience of British scientists at home c mean to humanity, are made available the world at large within a short space time.

Penicillin to Hospitals Abroad

For example, supplies of penicillin w quickly made available to hospitals throu out the globe, and thousands of kilos ha been conveyed as air freight to medi centres in all parts of the world. Su drugs, together with fine chemicals, vi mins, vaccines and serums, not only much to maintain health but also bring the notice of the people of a commun that their own medical advisers are al to the advantages of utilising the latest c velopments in medical science. Medic preparations conveyed by British Overse Airways Corporation are many and vari Yellow fever vaccine for Lagos, insulin f Nairobi, penicillin for Karachi, vitami for Durban—day in and day out these a similar commodities are speeded to th destinations with safety and certainty. F some items, such as specialised surgical i struments, ophthalmological instrumen *x*-ray apparatus, operating theatre equi ment and artificial limbs, the need is oft so acute that air carriage provides the o solution to sufferers.

Transport of Trade Samples

As a means of supporting the natio export drive, air transport enables man facturers to arrange the expeditious carria of samples to foreign markets, thus addi pharmaceutical products to the list of co modities conveyed by the Corporatio fleets of Constellations, Yorks, Halto Lancastrians, Dakotas, Lockheeds and Sho flying boats, which are fast becomi "Britain's shop window" for the worl Speedy connexions are provided by t Corporation with many parts of the worl as shown by the table opposite giving so of the main terminal points linked by dire services with the United Kingdom:—

Export freight shed of British Overseas Airways Corporation at London Airport.

stination	Frequency per week	Hours taken in Travel
iro ...	27 ...	14
irobi ...	4 ...	48
hannesburg...	4 ...	74
rachi ...	13 ...	36
lcutta ...	9 ...	50
gapore ...	7 ...	76
dney ...	3 ...	122
,, ...	3 ...	63
S.A. ...	4 ...	20

In another way the use of air transport important in the sales effort to increase ports. It has long been a reproach that tish exporters were not in close touch th their markets. Agents hardly saw their ncipals for years at a time, and manuturers never saw their product in the nds of users. The most frequently adnced reason for this absence of travel was at executives felt they could not spare the e to go overseas and, if they did, could ver only a limited amount of ground. early the higher the level of business principal who can visit overseas markets, the greater the amount of business that results. Air provides the means. Frequent visits abroad, which would have been quite impossible when reliance had to be placed solely on surface transport, are now thoroughly practicable. As an example, an absence of six weeks gives a business man, by sea, only approximately two weeks to attend to his Indian affairs. In contrast to that an executive going by air can visit the main centres of Karachi, Delhi and Calcutta, flying a total of 14,000 miles, and be back at his office in London within ten days, having spent about one-third of that time in the air.

It is essential that due regard should be paid to all aspects of cost. If a highly paid official is away from his home office for a matter of three weeks on an air journey to South Africa, sixteen days of the period are available for securing business, and the relatively higher air fare, compared with the shipping rate, assumes less weight.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

REPLYING on November 4 to MR. L. D. GAMMANS, who asked about the British-Soviet trade pact, MR. H. A. MARQUAND (Secretary for Overseas Trade) said: The agreement reached at the beginning of September with the Soviet trade delegation provided for the settlement of certain outstanding problems relating to the supply to the U.S.S.R. of civilian goods manufactured in this country under the Civil Supplies Agreement of 1941; for assistance by His Majesty's Government to the Soviet Government in concluding contracts for the purchase of natural rubber; and for the supply by Russia to this country during the remainder of the 1946 shipping season of softwood. It was part of the understanding reached with the Soviet Trade Delegation that the settlement of the difficulties outstanding under the 1941 Agreement would open the way to full discussions about the expansion of trade between Russia and this country. Talks on this wider subject have already begun.

Hospital Equipment in Chile

Equipment for hospitals in Chile was the subject of a question by SIR PATRICK HANNON, who asked the President of the Board of Trade, on November 4, if his attention had been called to the decision of the Government of Chile to construct seventeen new hospitals; and if British manufacturers of hospital equipment had been informed of the opportunities which now offered to secure as large a share as possible of this market.

MR. MARQUAND: I understand that the Chilean Public Health Department has been authorised to build sixty new hospitals at a cost of 500,000,000 Chilean pesos and that work on seventeen of these has commenced. Equipment for them will be purchased by public tender. So far, these tenders have not yet been issued, and no details of them have been published, but so soon as they are available we will communicate them to United Kingdom industry.

Free Market in Rubber

MR. MARQUAND announced that the Government had decided to restore a private trade in rubber and to permit the re-establishment of the London rubber market; the market would be free to resume its normal activities from November 18. This would enable the importation of rubber on private account into the U.K. from January 1947, by which date the Board of Trad would have ceased to purchase rubber.

SIR HUGH O'NEILL: Does the stat ment mean it will now be possible to bu rubber forward without restrictions?

MR. MARQUAND: Yes. There will be necessity for reporting to the Bank of En land what is being done, but that is all.

Research Associations

MR. B. JANNER asked the President the Board of Trade what industries ha taken advantage of the defence regulati permitting the imposition of a levy finance research associations; whether a other industries had plans in this connexio and what arrangement he proposed to ma for permanent legislation to take the pla of this defence regulation when it expire

MR. MARQUAND: The answer to the fi part of the question is "None." As regar the second part, preliminary inquiries abo the use of these regulations have been ma by three industries—wool, building a iron foundries—and the working parties the pottery, hosiery, boot and shoe and fu niture industries have suggested compulso levies.—He was not in a position to ma a statement on the question of permane legislation.

MR. A. R. BLACKBURN: Has the Minist been given any reason for this extraordina backwardness on the part of British indu try in not being prepared to take advanta of this Defence Regulation?

MR. MARQUAND: I suspect that, in pa it was due to the knowledge by Briti industry that the working parties had ma these recommendations and that some mo comprehensive legislation might be nec sary.

Potash Fertiliser

SIR DYMOKE WHITE asked the Minist of Agriculture if he was satisfied that t supply of potash for agricultural purpo would be adequate this season, particula in view of the general trend of delivery du ing the last two months in Norfolk.

MR. TOM WILLIAMS: As a result adverse circumstances in the countries origin, arrivals of potash in the Unit Kingdom in recent months have been d appointing. The position is now impro ing, and sufficient potash should be ava able to meet all permits issued to farme in time for the spring sowing.

prietary Medicines

n November 5, Mr. John Parker d the Minister of Health whether he ld introduce legislation to deal with tent" medicine abuses.

Mr. Charles Key (Parliamentary Secry): While the Minister is in sympathy the objects which Mr. Parker has in v, I am afraid that he can hold out no e of legislation at present.

wifery Forceps

ir Ernest Graham-Little asked the nister of Supply whether he was aware the supply of midwifery forceps to ical practitioners in Birmingham was hort of demand that orders placed since rch 1944 had not been met; and if he ld take steps to increase the rate of ply and repair of high-quality handed instruments.

Mr. John Wilmot: I was not aware long delays were occurring except in case of special instruments. There is, ever, an acute shortage of skilled labour making hand-forged instruments and we e for some time been working with the ustry to increase supplies by new hods of manufacture.

urn of Empty Bottles

n November 6, Mr. William Shepherd d the Minister of Food how many 6-oz. ical bottles were, on the average, rned weekly by users of orange juice, and what additional quantity would be d weekly if it were made obligatory for s to return the empty bottle before aining a fresh one.

Mr. John Strachey: About 550,000 les are returned weekly by users of nge juice and cod-liver oil. If the return n empty bottle were made a condition receiving fresh supplies, a further ,000 would be saved.

seed Oil Supplies

Mr. A. C. Bossom asked the Minister of d if he had given instructions that ial efforts should be made by the Bri- representatives in the Argentine to eavour to make available more linseed n this country.

Mr. Strachey: Yes—and 27,000 tons inseed oil are now being shipped to us.

al Stages of Health Bill

ouse of Lords amendments to the ional Health Service Bill were conred in the Commons on November 4. e Government accepted a group of amendments designed, said Mr. Key (Parliamentary Secretary to the Ministry of Health), to make plain the distinction between the ophthalmic optician, who both tested sight and supplied spectacles, and the dispensing optician who only supplied spectacles. A Lords amendment that had provided that doctors should be paid by the capitation system as a general rule, and not by salary plus capitation, was rejected. The Minister (Mr. Aneurin Bevan) said that competition for patients was not always a good thing. The Lords accepted the Commons amendments.

The national loaf was criticised by Mr. Garry Allighan in the House on November 4 as being a "noxious and mysterious concoction masquerading under the fine British name of bread." He spoke of "mites and mildew" that "eat their way very quickly into the alleged bread if it is kept for any length of time," and referred to it as a "menace to British health."

Dr. Edith Summerskill (Parliamentary Secretary) replied "It is eminently superior to the loaf which Mr. Allighan consumed before the war."

Mr. E. P. Smith: Is Dr. Summerskill aware that the presence of picric acid in the wheat destroys the vitamins in the wheat kernels? Dr. Summerskill replied that she was aware of that fact, and added, "we are making an addition, in the form of calcium carbonate, which is an antidote."

Campaign for Increased Production

When the House of Commons discussed trade and industry on November 5, the debate produced two important Ministerial speeches, the one calling for increased production, the other predicting a slump. The debate had been opened by Mr. J. W. Belcher (Parliamentary Secretary to the Board of Trade), who said that the shortage of fuel and power affected all industries. He declared that Britain was having to buy a very large proportion of her requirements from dollar sources, since European production had not yet sufficiently recovered to enable the country to obtain the goods required from those areas. But while outgoings were largely in dollars, much of the incomings was in Indian or African currencies not changeable for dollars. Whereas 50 per cent. of British imports came from America, only about 14 per cent. of our exports went there. "We have all got to hold back while production is built up by avoiding unecessary expenditure, and by not pressing for higher wages or increased salaries." He

called for an increase in productivity both on the part of management and labour. Both sides of industry should be prepared to put behind them the methods and ideas which were associated with the era of mass unemployment, and tackle the new era with open minds freed from all inhibitions. Management needed to be more highly skilled and more conscious of the importance of the human element in the labour force. Greater attention must be paid to re-equipment with modern machinery and the use of up-to-date methods. On the side of labour all restrictions and the idea of spinning out the job to prevent unemployment later on had to go. However short or long the hours, voluntary absenteeism must become a most exceptional occurrence. The Government, he said, had set up in the Board of a Trade a Production Efficiency Section which was rapidly becoming the Mecca of many harassed industrialists.

Mr. Alfred Edwards, an industrialist, spoke of difficulties he had had with the Board of Trade, and then said "What frightens me is that when one goes into Government departments one finds there are many people in those departments who think they are going to run our industr "They cannot do it," declared the spe

Mr. H. A. Marquand (Secretary Overseas Trade) wound up the de Speaking of the future, he said, "I t that what we might have to anticipat the near future may be something like slump we experienced in 1921 . . . . . believe that British economy, controlle it is at the moment, could resist the ef of a temporary depression such as we in 1921." He went on to say, "We r be prepared, at some later date, for a w depression of a much more fundame type, such as we had in 1929. I, person cannot see a big depression of that occurring in the world for some year come, in view of the acute shortage of g all over the world. I believe that we have a little breathing space in which make our plans for meeting the danger a real depression." Mr. Marqu regretted that, on the whole "manu turers and businessmen at the present t are not sufficiently alive to the need looking ahead . . . Businessmen in this co try should be a little more prepared t some seem to be to take advantage of modern technique of market research."

EMPIRE AND FOREIGN NEWS

Helsinki Chemical Congress.—At the annual congress of the Association of Chemists from the North, held recently in Helsinki, Finland, the countries represented were Sweden, Denmark, Norway and Finland.

New U.S. Pharmacy School.—The University of Wyoming, at Laramie, has opened a school of pharmacy. The school will be in the charge of Dr. David W. O'Day, Ph.C., formerly on the faculty of the College of Pharmacy at the University of Colorado.

New Grass Insecticide.—A new type of grass which is claimed to repel insects of all kinds and to be distasteful even to snakes has been reported in Venezuela. The grass secretes an oily substance which mosquitoes and ticks find unpleasant although human beings are not affected, it is stated. Tick-infested cattle fed on the grass were found free of these pests after a short while. In addition, the grass is beneficial to cattle and will yield a heavy crop of hay.

American State Controls Barbiturates.—The New Jersey Board of Pharmacy has announced, states a New York report, a regulation prohibiting the repeating of prescriptions for barbiturates. Persons holding prescriptions for such drugs will have th supplied only once, and will need new p scriptions for a second supply. The regu tion was promulgated after it was revea that there were twenty-nine deaths fr barbiturate poisoning in 1945.

Spain and Drug Control.—Spain been excluded from the international c trol of narcotics by a decision of the Uni Nations Economic and Social Council. T vote was twelve in favour and five abst tions, Britain voting against. Accord to a New York report, Mr. Philip N Baker, British Minister of State, said t the exclusion of Spain would make her only authorised drug trafficker agai whom sanctions could not be applied.

National Chemical Laboratory at Poo—A report from Bombay states that it proposed to establish a National Chemi Laboratory at Poona, and Sir Sha Swarup Bhatnagar, Director of the Boa of Industrial and Scientific Research, visit that town recently in connexion with t selection of the site. Sir Shanti Swaru accompanied by the Bombay Premi Mr. B. G. Kher, inspected a site ne Ganeshkhind.

TRADE REPORT

t quotations for pharmaceutical chemicals represent the prices for wholesale quantities tandard quality. Prices of crude drugs and essential oils vary as to brand or grade.

Essex St., W.C.2, November 13

GENERALLY firmer tone has been in ence in the PHARMACEUTICAL CHEMI- s markets during the past week. The ort demand has been fully maintained, in the home market, considerable diffi- y is being experienced in satisfying the uirements of buyers. Prices, with few ptions, are unchanged, but there are cations that advances will be made in course of the next few months over a e range of products. Manufacturers w concern at the fuel position and there till a shortage of skilled workmen in ny branches of the industry.

rcury and Mercurials

s was reported in these columns last k (p.609), MERCURY can still be obtained n Government stocks, and is available n November 15 at the reduced price of 5 per 76-lb. flask. On the open market, price is much higher and compares un- ourably with recent Italian and Spanish tations, which were about £18 per flask, p.; while in India, the price has been 2 10s. per flask. Readjustments will un- btedly be made and the final price is ected to be in the region of £20 per k. The rates for MERCURIAL SALTS have been reduced, and the new prices will e effect on November 15.

ude Drugs

During the past week there have been changes in the markets for CRUDE UGS, and the price levels have generally n maintained at previously quoted levels. ducts from Italy, however, are reported being very firm, with exporters holding ir stocks in expectation of higher prices. good demand is shown for ALOES at ver forward quotations. BALSAM OF TOLU very scarce and there is no news of ther supplies. A consignment of Sumatra NZOIN will be landed early next month; demand is good for this material CAM- OR is in good inquiry in both export and me markets. GUM MASTIC is somewhat ier on the spot. Some Turkish LIQUORICE CE, in slabs, is available in reasonable antity. SQUILL is showing a firmer ten- ncy, and stocks of STROPHANTHUS are t easy to locate. TURMERIC is reported to in plentiful supply. A few changes have curred in WAXES.

Essential Oils

A number of the recently decontrolled ESSENTIAL OILS are now appearing on the open market, but prices are inclined to be somewhat erratic. It will probably take some little time for these items to find their proper level. CLOVE is again marked down this week and supplies are fair. Spanish LAVENDER is somewhat higher in price. LEMONGRASS displays a firmer tendency. NUTMEG is quoted at a higher figure.

U.S. Drug and Chemical Report

New York, November 8

BASIC coal-tar chemicals continue to display a very strong tone with no visible prospects of any supply relief in the near future. NAPHTHALENE is in particularly strong demand from phthalic anhydride producers. FINE CHEMICALS, almost without exception, continue in short supply; MENTHOL has moved into a firmer position despite the arrival of about twenty-five tons from Brazil and reports to the effect that a considerable quantity of Chinese material is on its way here. The U.S. Commercial Corporation has also announced that a further consignment of Japanese menthol can be expected —about the same quantity as comprised the the first shipment (thirteen tons). Widely varying reports of the new Brazilian crop continue to reach the trade here; some sources place present stock in that country at about 275 tons and production from the new crop oil at almost the same quantity while others estimate the figures as low as 100 and seventy-five tons respectively.

OLIVE OIL is selling at approximately double the old maximum price of about $5 per gall. which itself compares with the pre-war price below $2. An inactive demand persists for MERCURY with imported material still being offered at prices considerably below those prevailing a few weeks ago; reports that a Spanish-Italian quicksilver "cartel" will come into operation this month are largely discounted here as a result of similar rumours some weeks ago which never materialised. Importers of Madagascar VANILLA BEANS are now permitted to purchase beans from any shipper they choose; it is reported that the export quota system has been discontinued by the French Colonial government.

Supplies of foreign drugs are limited by the shipping position while continued Food

and Drug Administration rejection of imported products is tending to force prices higher. Recent shipments which did not come up to F.D.A. standards included more than 2,000 bags of CAPSICUMS and CHILLIES, about 800 bags of CASSIA and 100 drums of COD-LIVER OIL. CARNAUBA WAX presents an unsettled picture with Brazilian exporters reported eager to sell large blocks of wax and importers here holding off in the expectation of reduced prices. Promise of an early offering of new-crop domestic LYCOPODIUM together with supplies expected from overseas is tending to keep current prices down despite the scarcity of material. Turnover of many ESSENTIAL OILS is limited. There are moderate supplies of French LAVENDER OIL available and some good-quality Bulgarian ROSE OIL has been offered. The recently excited conditions in SPEARMINT and PEPPERMINT OILS have died down although the former product remains virtually unobtainable. Some improvement in the supply of AROMATICS has been noted following the resumption of operations after a strike affecting this industry.

Pharmaceutical Chemicals

ACETANILIDE. — Steady with makers' prices unchanged at 2s. 6d. per lb. for powder, and 2s. 5d. for crystals.

AMIDOPYRINE.—Makers' price for 56-lb. parcels is at 36s. per lb.

AMPHETAMINE.—Quotations from makers are unchanged at 150s. per lb.

ASPIRIN.—Home market prices steady; quotations per lb., in quantities of 28-lb.-1-cwt., are (containers in brackets): 4s. 1½d. (1-lb.); 4s. (4-lb.); 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d. (28-lb.).

ASPIRIN TABLETS.—Makers quote bulk supplies per 1,000 as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s.; 100,000, 2s. 11d.; 250,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

ATROPINE.—Prices per oz. for home trade are unchanged at: ALKALOID, 42s. 6d.; 4 oz., 42s.; 25 oz., 41s. 6d. SULPHATE, 34s.; 4 oz., 33s. 6d.; 25 oz., 33s. METHYLBROMIDE and METHYLNITRATE, 75s.

BARIUM SULPHATE, B.P. (*x*-ray).—Prices per lb. quoted by makers, in 28-lb.-1 cwt. lots, for home sales, are (containers in brackets): 1s. 6d. (1-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.). Prices are net, one month.

BENZOIC ACID.—Limited supply. Small quantities are quoted at 2s. 9d. per lb.

MANDELIC ACID.—In good demai Current prices for 1 lb., 22s.; 4 l 20s. 3d.; 7 lb., 18s. 6d.; 14 lb., 16s. 9 28 lb., 15s.

MERCURY SALTS.—The following are t new prices for these products: AMMONI CHLORIDE, B.P., powder, 10s. per lb.; 7- lots, 9s. 6d.; lump, 9s. 10d. per lb.; 7- lots, 9s. 4d. BICHLORIDE, B.P., powd 8s. 10d. per lb.; 7-lb. lots, 8s. 4d.; lump granular, 9s. 2d. per lb.; 7-lb. lots, 8s. 8 MERCUROUS CHLORIDE, B.P., 10s. 3d. p lb.; 7-lb. lots, 9s. 9d. RED OXIDE (LIGH B.P., 11s. per lb.; 7-lb. lots, 10s. 6d. YE LOW OXIDE, B.P., 11s. per lb.; 7-lb. lo 10s. 6d.

MORPHINE.—Prices per oz. current in t home market are: PURE, ½ oz., 55s. 3 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 o 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORI ½ oz., 46s. 9d.; 1 oz., 44s. 3d.; 2 o 42s. 9d.; 3 oz., 42s.; 4 oz., 41s. 9d. BIM CONATE and TARTRATE, as PURE; ACETAT HYDROBROMIDE and SULPHATE, as HYDR CHLORIDE.

PHENACETIN. — Small quantities a quoted at 4s. 6d. per lb.

VANILLIN.—Prices are unchanged. 5-cw 22s. per lb.; 1 cwt.; 22s. 3d.; 56 l 22s. 6d.; smaller quantities, 22s. 9d. per l

Crude Drugs

BALSAMS.—*Canada* is quoted at 14s. 9 per lb. *Peru* is available at 8s., duty pai in bond, 7s. 6d. *Tolu*, still very scar 17s. 6d., spot.

BELLADONNA.—Italian root is firm 175s. per cwt., c.i.f. Leaves are in good d mand but none is available on the spot.

BENZOIN.—In good demand. Sever parcels of Sumatra are near at han Quotations are steady at £25 per cwt.

BISMUTH.—High-grade metal, in mir mum 5-cwt. parcels, unchanged at 9s. p lb.

BUCHU.—Short-rounds are quoted u changed at 4s. 6d. per lb., spot.

CALABAR BEANS.—Quotations are stea at 1s. 10½d. per lb., ex warehouse Liverpo

CALUMBA.—Natural root, in fair suppl is steady at 70s. per cwt., spot; washe 80s. per cwt.

CAMPHOR.—Fair supply. Chinese ¼-o tablets are offered at about 11s. 6d. per lb spot; shipment, 8s. 3d., c.i.f.; 1-oz. tablet 11s., spot; 2½-lb. slabs, 11s. 3d. Powde spot, 10s. 6d.; landing, 9s. per lb.

CANTHARIDES.—Chinese is higher a 14s. 6d. per lb., c.i.f.

COCHINEAL.—Silver-grey are firmly held 5s. 6d. per lb.; blacks are scarce at 5s. 9d.

GALBANUM.—Small quantities are available at about 8s. 6d. per lb., duty paid.

GENTIAN.—French root is steady at 112s. cwt., on the spot.

GINGER.—Jamaica No. 1 is steady at s. per cwt.; No. 2, 115s.; No. 3, 105s. rican, on the spot, 82s. 6d.

GUM ACACIA.—Kordofan cleaned sorts quoted at 76s. per cwt., London; 74s., erpool. Talha, cleaned, 45s., spot; . 6d., c.i.f.

GUM MASTIC.—Fair supply. No. 1 is aper at 17s. per lb.

HENBANE.—Indian leaf is firmly maintained at 250s. per cwt., on the spot. yptian (*muticus*), shipment, firmer at ., c.i.f.

IPECACUANHA.—Nicaraguan root is available at 27s. 6d. per lb., on the spot.

JABORANDI.—Shipment is firm at from . to 125s. per cwt., acording to quality.

JUNIPER.—Italian berries are available at m 56s. to 65s. per cwt., according to ality. A firm market is reported.

KAMALA.—Quotations for small quans are at 3s. per lb., landed.

KOLA NUTS.—African quarters are available at 7½d. per lb.; African halves, 6d.; naican washed halves, 5½d. per lb.

LIQUORICE ROOT.—Anatolian whole root irmly held at prices ranging from 65s. to . per cwt., spot. Turkish juice (blocks) vailable at 270s. per cwt., spot.

LOBELIA.—Demand good. Spot price is changed at 6s. 6d. per lb.

MENTHOL.—Market steady. Brazilian, . per lb., duty paid. Chinese, 50s., spot; pat, 47s. 6d. per lb., landed duty paid.

MERCURY. — Government-owned stocks l be available from November 15 at the uced price of £25 per 76-lb. flask. Other pliers give spot quotations from £30 to 1 5s. per flask, according to quantity.

MYRRH.—Aden sorts, firmly maintained £14 to £16 per cwt., according to ality. Siftings are offered at £10 per cwt.

NUX VOMICA.—Quiet market with spot ces steady. Madras, 40s. to 42s. 6d. per t.; Mangalore, 40s.; Cochin, 45s. per t.

NUTMEGS. — Prices nominal. West dian, 80's, 5s. per lb.; sound unassorted, 9d.; wormy and broken, 4s. 6d. per lb.

ORANGE PEEL.—Spanish quarters, firmly d at 2s. per lb.; sweet ribbon, 2s. per lb.

ORRIS.—Firm. Florentine is steady at 125s. to 135s. per cwt., according to holder; Verona, 75s. to 80s. per cwt., spot.

QUILLAIA.—Natural bark is quoted on the spot at 125s. per cwt.; cut, 150s., ex store.

QUINCE SEEDS.—Cape is steady on the spot at 6s. 9d. per lb.

RHATANY.—In fair supply. Spot quotations are steady at 11d. per lb.

SENNA.—Tinnevelly leaves, spot, No. 1, 1s. 2d.; No. 2, 10½d.; No. 3, 10d.; No. 4, 8½d. Tinnevelly pods, good quality, from 10½d. to 11½d.; f.a.q., 6d. to 6½d. Alexandrian pods, hand-picked, spot, from 4s. 3d. to 4s. 9d., according to quality; medium, 2s. 9d.; manufacturing grade, 1s. 9d. to 2s.

SQUILL.—Fair white, recently landed, is available on the spot at 65s. per cwt. A parcel of Italian No. 1 is firm at 72s. 6d. per cwt., f.o.b.

STRAMONIUM.—Quotations for Indian are steady at from 75s. to 80s. per cwt., on the spot.

STROPHANTHUS.—In meagre supply. 100 per cent. Kombé is slightly dearer at 7s. 6d. per lb., spot.

STYRAX.—Limited supplies are available at previously quoted price of 4s. 10½d. per lb., duty paid.

TONKA BEANS. — Good-quality frosted Para are offering at from 6s. to 6s. 6d. per lb.

TRAGACANTH.—In fair demand with prices unchanged. Selected grade, £155 per cwt. Prices of medium grades are as follows: No. 1 white, £145 per cwt.; No. 2 white, £125; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf from £17; hoggy, £12 to £15.

TURMERIC.—Madras finger, spot, 95s. per cwt., ex wharf London; 92s. 6d., ex store Liverpool. November-December shipment quoted at 87s. 6d., c.i.f. In good supply.

VALERIAN.—Belgian is steady at from 240s. to 255s. per cwt., according to holder.

WAXES.—Market quiet. CARNAUBA.—Fatty grey, 1,100 per cwt., spot; November-December shipment, 860s., c.i.f.; chalky grey, 850s., c.i.f.; prime yellow, spot, 1,175s.; November-December shipment, 980s., c.i.f. CANDELILLA.—Spot and forward delivery, 450s. per cwt. BEES'.—Dar-es-Salaam, spot, 335s. per cwt.; shipment, 340s., c.i.f. Benguela, spot in bond, 305s.; shipment, nominal, 305s.; Sudanese, 305s., on the spot, in bond; Lindi, spot, 330s.;

shipment, 335s. MONTAN.—375s. per cwt., ex store. OURICURI.—7 per cent. impurities, 550s. per cwt., landed terms.

Essential and Expressed Oils

BAY.—In fair supply. West Indian, in small lots, is steady at 9s. 6d. per lb., spot.

CADE.—Would be worth about 5s. per lb., spot, for smalls.

CASSIA.—In tight supply. Prices range from 16s. per lb., for original packages, to 20s., for smalls.

CASTOR.—No change in controlled price. "First," £110; "seconds," £108 per ton, naked ex works.

CINNAMON LEAF.—Limited supplies are available on the spot at 17s. to 18s. per lb.

CLOVE.—English-distilled is a little easier at from 11s. to 12s. per lb., according to quantity.

CORIANDER. — B.P. quality, English-distilled oil is steady at 250s. per lb. Imported oil is somewhat lower.

GERANIUM.—Bourbon is offered spot 92s. to 100s. per lb., according to quantity.

GINGER.—Prices are easier at from 80s. to 100s. per lb., according to source.

GUAIACWOOD.—This oil would be worth about 90s. per lb.

LAVENDER.—French oil (38 to 40 per cent. esters) is firmly maintained at 65s. to 70s. per lb., according to quantity; Spanish (spike), 15s. per lb.

LAVANDIN.—Spot quotations are given as 20s. per lb.

LEMONGRASS.—Spot quotations are given as from 20s. to 21s. per lb. Forward prices are very firm at 17s. 6d., c.i.f.

LIME.—West Indian-distilled oil is in steady request at 35s. per lb., spot.

LINSEED.—Controlled price for crude oil, unchanged at £135 per ton, naked ex works.

NEROLI.—Forward quotations are in the region of 70s. per oz.

NUTMEG.—Firmer. English-distilled oil is worth 77s. 6d. per lb.

ORIGANUM.—Price unchanged. Available at 21s. per lb., on the spot.

PIMENTO BERRY.—Firm. English-distilled oil is quoted at 57s. 6d. per lb.

ROSEMARY.—Spanish is offered at 10s. 6d. per lb., for small lots.

SASSAFRAS.—Brazilian is steady at 6s. 6d. per lb., spot; forward, 5s., sellers.

THYME.—Red oil (40 per cent. phenols) continues firm at 21s. per lb., spot; white oil, 22s. 6d. per lb.

Synthetics and Isolates.—Many these products remain in short supply a are not necessarily available because pri are quoted: AMYL ACETATE.—Pure, 12 per cwt. AMYL SALICYLATE.—About 4s. 6 per lb. BENZYL ACETATE.—4s. per BENZYL ALCOHOL.—4s. per lb. BENZ BENZOATE, perfumers' quality, 6s. per BUTYRIC ACID.—About 7s. 6d. per lb. ETH BUTYRATE.—9s. per lb. CINNAMIC ALI HYDE.—About 9s. per lb. CITRAL.—Cher cally pure, in the region of 65s. per CITRONELLOL.—Nominal prices range fr 60s. to 70s. per lb. COUMARIN.—Quoted higher rate of 20s. per lb. ETHYL PHTH LATE.—2s. per lb. EUGENOL.—Abo 18s. 6d. per lb. GERANIOL.—Ex Ceyl firmer, at 45s. per lb. HELIOTROPI nominal, 22s. 6d. per lb. IONONE.—100 p cent., 100s. per lb. ISOEUGENOL.—22s. p lb. RHODINOL.—200s. per lb. TERPINE —Recently advanced rates for B.P. qual are from 4s. 3d. to 5s. per lb.

KORDOFAN GUM ACACIA

THE rainy season in the Sudan normal ends by the middle of September. This ye it lasted much longer, and the territo had rain as late as October 19. The w weather will cause a delay in the new cr arrivals. Usually the acacia trees start lose their foliage towards the end October, at which time the workers co mence tapping the trees. This year t leaves are still green and the crop arriv are not expected until December, or ev January. This development is a new fact to be added to the uncertainty of harves states a grower's report.

The Sudan market for gum remain very quiet during September and ear October; business was at a standstill, a shippers endeavouring to sell out their ow accumulated stocks of gum. More recentl greater activity has been reported and pric paid for cleaned current crop were abo 70s. per cwt., ci.f., U.K. port. It is state that the carry-over at the end of Novemb will be very small; an estimate gives th as approximately 1,500 to 2,000 tons, com pared with last year's carry-over of 10,00 tons. This year's carry-over is the lowe since 1929, when the amount was 500 ton In 1929, the price of gum acacia reache the record price of 130s. per cwt., c.i.f U.K. According to official figures, th exports of gum acacia from the Suda during the six months ended June 194 amounted to 18,404 tons, of which th United Kingdom imported 6,807 tons.

OVERSEAS TRADE NEWS

Egypt Prohibits Soap Exports.—A note hibiting the export of soap, in view of in-icient supplies for domestic needs, has n approved by the Egyptian Ministry of pply, states a recent Cairo report.

Palestine's Overseas Trade.—During the months ended May 31, 1946, Palestine orted chemicals, drugs, dyes and colours he value of £P584,649. The total value these products exported from Palestine ounted to £P542,233.

talian Mercury in U.S.—It was reported ently in New York that a large quantity talian mercury has been absorbed, with erican consumers paying approximately .50 per flask, delivered at New York. s compares with the present price of to $96 for American-mined metal.

Chinese Shark-liver Oil.—Experiments being conducted, in the Shanghai area, the processing of shark livers for oil. sent operations are reported to be small, ng machinery taken over from the anese. The yield from the livers is from to 40 per cent. by weight of crude oil.

Malayan Rubber Export Tax. — An horitative report from Malaya states that Malayan Union's rubber export tax will rtly be reduced. It is understood that loss to the Union Government will be ouped by taxes spread over other nmodities.

Dutch-Czechoslovak Trade Agreement. A trade agreement between Holland and echoslovakia has been signed in Prague. echoslovakia will ship to Holland phar-ceutical, chemical and other products in urn for Dutch chemicals, textile raw terials, etc., and overseas commodities, h as rubber and tin.

Swedish Trade with German Zones.—der a new trade agreement between eden and the British and U.S. Occupa-n Zones reported recently, photographic paratus and instruments are included in goods which will be sent to Sweden from rmany. Germany will receive from eden chemicals and other goods.

Japanese Insecticide.—To replace the xture of kerosene and pyrethrum, used for control of rice leafhoppers, the Japanese 1943 developed and patented a substitute ecticide which was made from alcohol, a beans and coal. The insecticide is own as the "soya bean fatty acid sul-onated ethyl ester" and as "linoric acid yl ester."

India Retains Oil Control.—The Indian Government has decided to continue the policy of co-ordinated control over prices and the movement of edible oils and oil-seeds in conformity with the All-India basic plan. As regards exports, there is no change in the present policy to permit exports of only such quantities which are in excess of the needs of the country and to allow ex-ports of oil in preference to oilseeds. Details of export prices, the method of export and the quantities to be exported are engaging the attention of the Indian Government.

New Zealand Foreign Trade.—There was a delay in the issue of import licences for pharmaceuticals during the early part of this year, but the position has now im-proved, states a Wellington report. Sup-plies have increased, the only shortages now being those commodities originating in dollar areas. The U.K. is making every effort to fulfil all New Zealand's require-ments of drugs and pharmaceutical chemi-cals, and the shipping position has con-siderably eased in recent months. Medical and dental equipment are, however, in short supply, owing to lack of skilled workers and raw materials.

Egyptian Chemical Industry.—Egypt's war-time developed chemical and pharma-ceutical industries, now faced with foreign competition, are gradually replacing their old and obsolete installations with modern equipment and are in the process of engag-ing adequate technical and scientific per-sonnel. The pharmaceutical industry has contributed to the economic and industrial development of the country and at present includes some forty establishments and laboratories with an approximate capital of £E500,000. The largest are the Doche, Ecadil, Societe Misr, Isis and Memphis. Production is varied; in 1945, 20,000 different products, 1,200 of which were pharmaceutical and fine chemical goods, were turned out. The demand from foreign countries for Egyptian pharmaceutical pro-ducts has been principally from Syria and Greece. In the early months of 1946, most of the plants were subjected to problems arising out of price reductions of newly imported raw materials, and the large influx of foreign products which caused a sharp decrease in prices in general. This resulted in a severe loss on stocks already produced at much higher rates, which however, were largely covered during the second quarter of the year.

BUSINESS QUERIES ANSWERED

Subscribers are invited to address inquiries to the Editor on problems of managem accounts, stock-keeping, taxation. To ensure that no information of a confidential nat is disclosed to a competitor, replies will be given under initials or a pseudonym. it is necessary to forward documents, copies only and not originals should be s

Capital and Revenue Items

I recently acquired a pharmacy as a going concern, and, being anxious to discriminate between capital and revenue items, I am undecided as to how the assets, etc., should be treated in my books, and would like to see the procedure outlined.—H.J.L.

The assets taken over should be treated as capital outlay but, in order to make a proper discrimination between capital and revenue expenditure, the circumstances surrounding the transactions must be considered. An inventory of each group of assets should be kept, the book being preferably divided into sections to correspond as nearly as possible to the headings under which the capital outlay falls. Each entry should give the date and number of the invoice or other debiting document, the name of the manufacturer or suppliers, a full description to facilitate indentification, and the cost price. The cost of purchasing freehold or leasehold property is, of course, a capital charge, and should be posted from the payments side of the cash book direct to the debit side of a property account opened in the private ledger. If any legal expenses have been incurred in the acquisition, such expenses may be capitalised for the time being, but the amount should be written off as soon as possible by means of a transfer from the asset account to a legal and professional expenses account, the balance of which will have to be charged against profits. The cost of repairs needed to maintain the property in proper condition constitutes a revenue charge, but if the effect is to increase the market value of the property the amount should be debited to capital account and subjected to ann deductions to cover depreciation.

PURCHASES BOOK.

Date	Invoice No.	Name of Supplier	Description	Ledger Folio	Total	Factory	Drugs	Proprietaries	Photo. and Fancy	Sundries	Equipm

Fixtures and Fittings

Ground rent should be charged aga the profits, as also should an adequate to provide for the lapse of time in the of leasehold property, but the cost improving or extending the premises n be regarded as a capital charge, includ any wages paid out to assistants taking in such operations. The cost of purcha machines, furniture, fixtures and fitti etc., should be shown in suitable priv ledger accounts, but when an asset is placed by another possessing greater ciency the book value of the old asset r be charged against profits. Essential rep to second-hand equipment may be debi to the asset account, but ordinary rep are a charge against revenue.

Classification of Purchases

We are conducting a manufacturing b ness and find we must make some alterati in the method of classifying our purcha Hitherto the transactions have b analysed under drugs, fancy goods sundries, but it occurs to us that proba you will be familiar with more suita book rulings.—G. & D.

The rulings for the purchases b depend on the nature of the transactio and columns should be provided for reco ing the products of the factory, dru patents, photographic and fancy, sundr and equipment, as indicated here, principle being to group under the headi classes of goods bearing an approximat uniform rate of profit. Specimen rulin are given above.

uch an analysis should enable the gross t under the main headings to be ascer- ed, and the clerical accuracy of the rds can be verified by seeing that totals of the classification columns at oot of the page correspond, when added e figure in the "Total" column.

ans Without Tangible Assets

am approaching my bankers with a view curing an overdraft or loan for develop- t purposes and for the stocking of a ch pharmacy, and understand that a erly audited balance sheet will have to roduced. Unfortunately, no tangible rity can be offered at present, which ns that I must rely on my local stand- It would be very helpful if you would se me concerning the prospects.—W.E.

dvances made by banks are usually red by securities of one kind or another, ough money is sometimes advanced on strength of an audited and properly fied balance sheet. The big banks con- applications on their merits and do always refuse by reason of the absence angible security, but as a guarantee of yment it will be appreciated that no ker will regard as sufficient the balance may be standing to his client's credit. usinesses are often run with the aid of ey borrowed from friends or relatives; ss very weighty evidence can be pro- d it is difficult to obtain an unsecured nce without presenting a statement biting a true and correct view of the ncial position of the business in relation e outside world. While bankers do not lly regard the liabilities as being over- nated, the chemist who applies for an nce must expect the assets to be con- red from the viewpoint of their probable e in the event of a forced realisation. circulating assets will supply the banker useful information, and if these are d the bank may undertake to honour ques up to a reasonable limit, at the e time reserving the right to cancel the ity if the circumstances seem to justify a course. It is the universal conviction repayments of bank advances should pread over a long period, but it should r be overlooked that if the loans con- ted from time to time exceed the sum e repaid in the redemption of previous s, the burden may become serious. The owing of money is justified, however, if returns are ample to cover all manage- t expenses, upkeep costs, depreciation asting assets, and the redemption of the within a reasonable period.

MISCELLANEOUS INQUIRIES

Formulas given below may have been prepared for overseas subscribers and the inclusion of substances therein is no indication that they are available in Britain or, if available, permitted to be used.

Strength in Tralles.—*D. L.*—This is an expression formerly used in Austria, Italy and Russia for alcohol by volume at 60° F.

Colouring Tennis Courts.—*J. M.*—The details of processes for colouring stone chippings used for tennis courts and other purposes are usually closely guarded trade secrets, but the general principles of two processes used are as follows:

1. The chippings are treated with a black bituminous product and, after being laid in the tennis court, are sprayed with a paint of appropriate colour.

2. The chippings are treated with a light-coloured bituminous "binder" in which a pigment is incorporated, and the coloured chippings are then laid in the tennis court. The pigment used may be coloured earth or a mineral.

Liquid Soap.—*A. C. B.*—The following formulas will be found suitable for preparing a liquid soap for tilt-up containers:

I

Sodium hydroxide	40 g.
Potassium hydroxide ...	40 g.
Industrial alcohol	250 c.c.
Cottonseed oil	500 c.c.
Distilled water to	2500 c.c.

II

Oleic acid	60 c.c.
Industrial alcohol	90 c.c.
Solution of ammonia a sufficiency	
Distilled water to	180 c.c.
Vanillin to perfume.	

DDT Hair Cream. — *T.C.C.* — The following is suggested as an experimental formula, the proportion of oils and wax being adjusted to give the desired consistency:—

DDT	2
Neutral hydrocarbon oils ...	25
Lanette wax SX	7
Perfume	q.s.
Water ... ... to	100

Dissolve the DDT in the hydrocarbon oil with the aid of gentle heat. Melt the Lanette wax SX in this mixture and adjust the temperature to 60°C. Add to this oily solution the water previously heated to 60°C., and stir until an emulsion is formed. When cool, stir in perfume.

TRADE MARKS

(From "The Trade Marks Journal," October 23)

"JAKAJILL"; for pharmaceutical preparations for internal use (5). By Carole Steene, 166 Ellesmere Road, Dollis Hill, London, N.W.10. 641,860.

"GREEN ARROWS" on pictorial design; for medicated tablets for the treatment of coughs, colds, catarrh and like complaints (5). By Morecambe Candy Co., 56 Euston Road, Morecambe, Lancs. 642,172.

"KAYMOREX"; for pharmaceutical products (5). By M. M. Morrison, 153 New City Road, Glasgow. 642,565.

"KRACKIT"; for cough mixtures (5). By W. L. Fairhurst, 341 Upper Parliament Street, Liverpool, 8. 642,570.

"POROSAN"; for sealing caps, wholly or principally of common metal or of common metal alloys, for bottles and jars (6). By Porosan, Ltd., 65-66 Chancery Lane, London, W.C.2. 642,392.

"FLIP-FLAP"; for mechanical strops (not machines) for safety razor blades (8). By Henry Thomas Brooker, 23-28 Penn Street, London, N.1. 642,478.

"BECOVAL"; for photographic instruments and apparatus, and nautical signalling and navigation lights (9). By Birmingham Engineering Co., Ltd., 63 Pershore Street, Birmingham, 5. 642,537.

"SIGNAL"; for brushes, etc. (21). By Arthur Butler, Ltd., Corner of Mount Street and South Road, Poole, Dorset. 637,057 (Associated).

"BLACK KNIGHT" and silhouette design of mounted knight; for articles of earthenware, of vitrified china, or porcelain and of glass (21). By Clarence Levy, 79 Fifth Avenue, New York, U.S.A. 637,309.

APPLICATIONS AMENDED AFTER ADVERTISEMENT.

Specification No. 639,781 by Camden Chemical Co., Ltd., altered so as to read "Pharmaceutical preparations and substances but not including vaccines."

Specification No. 639,784 by the General Aniline & Film Corporation, altered so as to read, "Chemical substances used in photography; photographic paper, photographic plates and photographic films (sensitized)."

(From "The Trade Marks Journal," October 30)

"ANAPAL"; for spraying preparations horticultural and agricultural use (ot than weed killers, insecticides, and f gicides) (1). By Pal Chemicals, L Princes House, 39 Jermyn Street, L don, S.W.1. 635,722.

"SYFT"; for chemical products used industry, science and photography By S.Y.F.T., Ltd., 41-43 and 56 Geo Street, London, W.1. 642,496 (As ciated).

"SNOWKAP"; for detergents and bleach preparations, all for laundry purpo (3). By George Wright Taylor, 40 D combe Street, Walkley, Sheffie 638,981 (Associated).

Words "YEMOL" and pictorial design baby and bubbles; for soaps (3). David Cauchaner, Boyaca 445, Bue Aires, Argentina. 639,622.

"JABOT"; for perfumes, toilet prepa tions (not medicated), cosmetic prepa tions and soaps (3). By Parfums Luc Lelong, 13 Rue Alphonse-de-Neuvi Paris, France. 638,206.

"FURN ISSIA" and device of fern; ammonia for use as a detergent; so and turpentine for cleaning purpo (3). By Thomas Furniss (Sheffiel Ltd., 73-75 Norfolk Street, Sheffield, 642,210.

"LADY'S MAID"; for soap and washi powders (3). By Archibald Wal Keeble, The Retreat, Avenue Ro Rushden, Northamptonshire. 640,59

"CARLA-ZONE"; for bleaching prepa tions for laundry use (3). By Les Bentley, 80 Gordon Road, Ealing, L don, W.5. 642,330.

"BRITESCO"; for toilet preparations (n medicated) (3). By The British Essen Co., Ltd., 357-59 Kennington La London, S.E.11. 642,394.

"DOUVELLE"; for perfumery, toilet p parations (not medicated), cosmetic a depilatory preparations, dentifrices, t let articles (not included in oth classes), sachets for use in waving t hair, soaps and essential oils (3). Harry Copley May, 25-27 Berne Street, London, W.1. 643,009.

"CALCYDIC"; for pharmaceutical prepar tions of calcium (5). By Allen & Ha burys, Ltd., Plough Court, 37 Lomba Street, London, E.C.3. B636,857.

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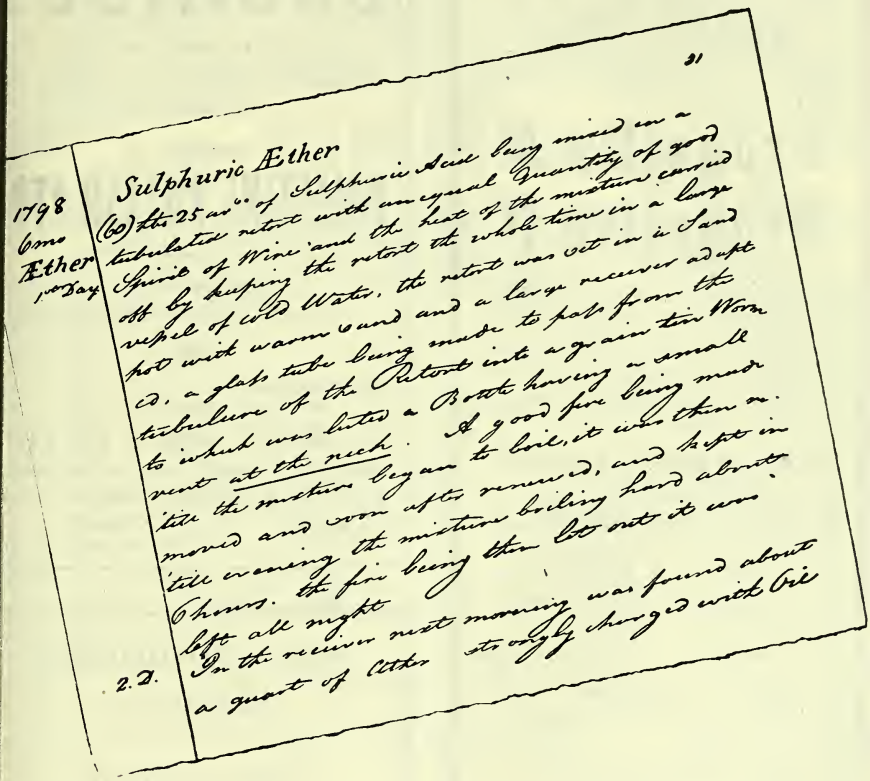

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Chemistry and Industry, 1944, 127.
Quarterly Journal of Pharmacy and Pharmacology, 1943, 232.
Pharmaceutical Journal, 1943, 58.
The American Perfumer, 1943, 163.
Journal of the Society of Chemical Industry, 1944, 107.
Journal of the Society of Chemical Industry, 1944, 8.
Oil and Soap, 1942, 144.
Oil and Soap, 1945, 81.
Nature, 1944, 824.

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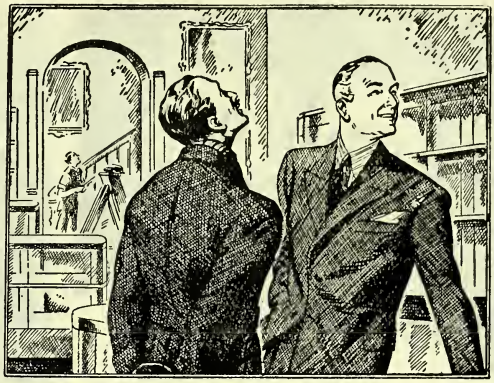

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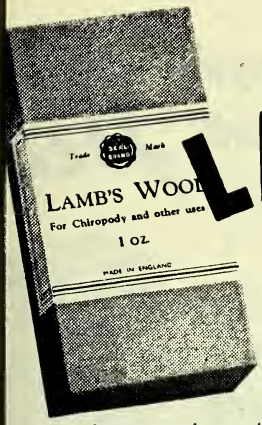

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AAC WEBSTER & SONS, LTD.
BBEY WORKS, KIRKSTALL, LEEDS, 5
phone: 51580 Headingley. Telegrams: Isaac Webster, Kirkstall.

WM. MATHER LTD.
MANCHESTER 15

"NORVEX" REGD.

SANITARY TOWELS

Made from the best Materials.

Remember "NORVEX" for Quality.

C. R. CROSSKILL & SONS
NORWICH

Transparen
Coloured
72 yard r
in many wi

Official Distributor
GORDON & GO
LTD., Dept. C.
75, Farringdon St., E.

Sellotape

SELF-ADHESIVE CELLULOSE TAPE
is CLEANER to handle

QUALITY & QUANTITY

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TOILET PAPERS

Rolls 1/1½. Pkts. 11½d.

Super Soft

The Paper Specialists:
FREEDER BROTHERS PAPER MILLS
BRIMSDOWN, ENFIELD, MIDDLESEX.

THE RELIABLE
Edosan
SAN TOWELS
EDOSAN LTD., 14 16 PEEL ROAD, LONDON.

All types of High Class machinery for fine chemical cosmetic and similar trades, including laboratory equipment.
REED BROS. (Engineering) LTD.,
Bevis Marks House, London, E.C.3.
Telephone: AVEnue 1901-5

IMMEDIATE DELIVERY

TO LET ROLLS, SANITARY TOWELS, BARBERS COMBS First Quality Retail at 8½d Please write and state whether wholesale or retail trade, also if you are registered for Purchase Tax.

ANGEL WAREHOUSE CO., LTD.
74 Upper Street, Islington, N.1.

AT LAST!

Diana Marsh

E COSMETICS — POWDER PUFFS — COSMETIC BAGS

SPECIAL XMAS PACKS

Lambsdown Powder Bowl and Bath Puffs.

4″ Powder Bowl Puff with loop. Retail **5/-** @ **26/-** Doz.

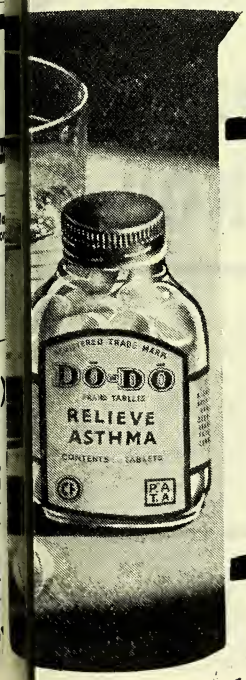
270—4½″ Bath Puff on 12″ Transparent Perspex handle. Retail **12/3** @ **63/-** Doz.

Each Packed in Presentation Boxes — **ORDER NOW for Early Delivery** —

W. SUTTON & CO. DRUGGISTS SUNDRIES LONDON LIMITED Established 1660

HORSESHOE LANE, CHASESIDE, ENFIELD, MIDDLESEX

elephone: ENFIELD 4747 (10 lines) Telegrams: VINAIGRETTE, ENFIELD



DŌ-DŌ

the preferred

ASTHMA TABLET

THREE SIZES: 1/1½, 3/4½ & 11/10 INCL.

International Laboratories Ltd.

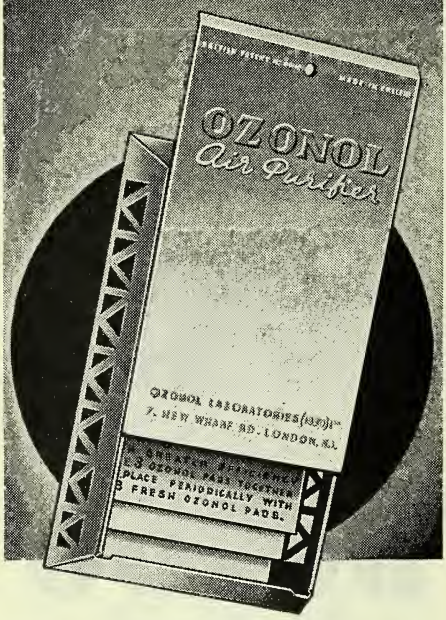
1-3 Smedley Street, London, S.W.8

Telephone: MACaulay 3481-3
Telegrams: Parmintus
Clapcom, London

P.A.T.A.

CHEMISTS' CF FORMULA

OZONOL
is back—for your XMAS TRADE



You can now satisfy the demand for both OZONOL Air Purifiers and Refills. National advertising is in preparation and free window displays gladly arranged.

PRICES

Complete 42/- per doz. plus 8/- P.T. *(Retail 5/4).*
Refills 18/- per doz. Tax Free. *(Retail 2/-).*
Orders fulfilled in strict rotation until supplies are normal.

OZONOL PRODUCT

OZONOL LABORATORIES (1930) LTD.
NEW WHARF ROAD · LONDON · N.1

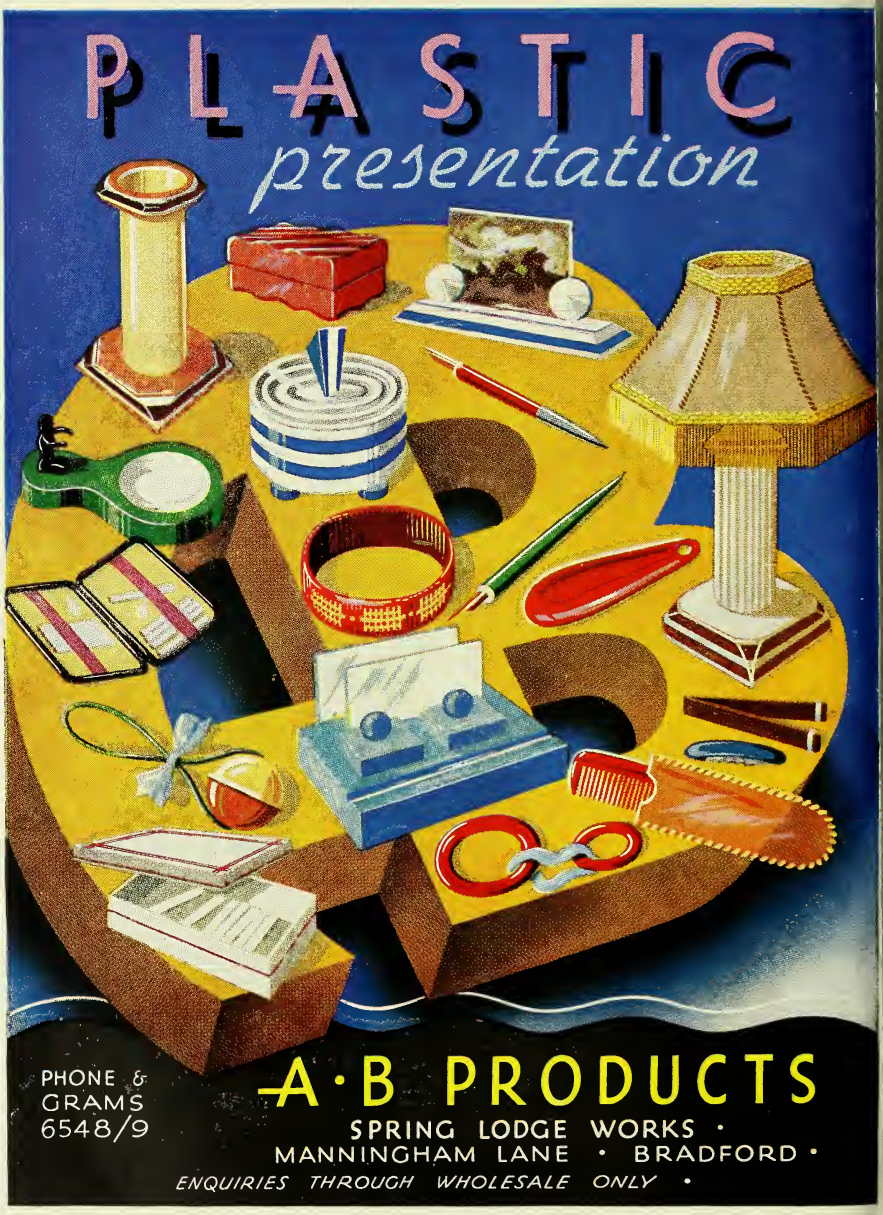
D·O·N'T S·A·Y 'NO!'

What empty S.D.I. bottles should a retail accept? Every one that is offere whether it comes from his suppli or not. The shortage of bottles is s acute, and the need for the return all empties so urgent, that bottlers an wholesalers are prepared to accept an type of S.D.I. bottle offered, and cred the retailer with the standard allowance

S·D·I

Issued by the Soft Drinks Industry (War Time Assn. Ltd., 48 Upper Grosvenor St, London, W.1
CVS—

Your customers will be looking for the name
LIBRANESE on Table Cloths, Curtain Material,
Kiddies Capes, Pixie Hoods, Pilches, Triangles.
In lovely
Libranese
TRADE MARK
THE HALLMARK OF PLASTICS
Obtainable from all leading Wholesalers
Sole Manufacturers:
BRAINOS & Co., 225 Southwark Bridge Rd., London, S.E.


PLASTIC
presentation
PHONE & GRAMS 6548/9
A·B PRODUCTS
SPRING LODGE WORKS ·
MANNINGHAM LANE · BRADFORD ·
ENQUIRIES THROUGH WHOLESALE ONLY ·

ECOMMEND

PLESOX

The DIFFERENT

STOMACH TREATMENT

WITH

NATION-WIDE ADVERTISING
ATTRACTIVE WINDOW DISPLAY

RECOMMENDATION
OF
SATISFIED USERS

ARRESTING WINDOW SEALS
CONVINCING LITERATURE

50% PROFIT ON OUTLAY

A large proportion of all stomach sufferers, and most long-standing cases do not respond well to alkaline or antacid products and call for **A SAFE RELIABLE REMEDY ON SOME QUITE *DIFFERENT* PRINCIPLE.** *As* **THEY NEED IT, SOONER OR LATER**—whether in your shop or elsewhere—SUFFERERS WILL DISCOVER **PLESOX**—and become satisfied users.

WHY LOSE such grateful customers with their constant repeat orders and recommendations to others.

Order now at **23/-** mixed display cartons (8 small 4 medium)
SHOWING 50% PROFIT ON OUTLAY.

Retail Prices: **2/3d** plus **3d** P. Tax. **4/1½** plus **5½d** P. Tax. **6/9d** plus **9d** P. Tax.

Distributors for G. B. Splendor Ltd., Nottingham.

ANUFACTURERS: GRANTO LABORATORIES LTD.,
2 PARKSHOT, RICHMOND, SURREY

Dr White's

SANITARY TOWELS

Made by Specialists in Surgical Dressings

Supplies unavoidably restricted at present

ARTHUR BERTON LTD.
256/260 Old St., London, E.C.1

Cyclo

"CYCLOCHEM"

EM. 4/76

GENERAL EMULSIFIER

for any kind of Emulsion on an O/W basis.

Ask for our 24-page Handbook "Cyclochem Self-Emulsifying Waxes."

FATTY ALCOHOL SULPHONATES

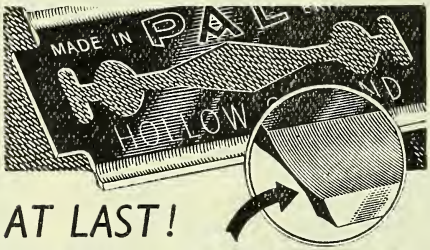
EMULSIFIABLE HARD WAXES

NATURAL WAXES
SYNTHETIC WAXES

CYCLO CHEMICALS LTD

Wax Refiners and Chemical Manufacturers

MANFIELD HOUSE, STRAND, LONDON, W.C.



AT LAST!

A HOLLOW GROUND BLADE

for double-edge razors

New! Here's a double-edge razor that's *different!* Believe it or not, PAL is *hollow ground* like a barber's razor. Yet it fits all popular double edge razors.

Feather Touch! PAL's flexible, hollow ground edge floats over the face with just a "feather touch." No pull. No scrape. It's rust-resistant, too.

Nation-wide Advertising for PAL is now running in newspapers and magazines. PAL retails at 3 for 6d. and 12 for 2/-. Stock and recommend this remarkable new blade. Most men switch to PAL after one shave. Pal Blades, Hillington, Glasgow.

PAL HOLLOW GROUND BLADES

Applied Before Work

ROZALEX
REGD BRAND

Keeps Hands Clea

Limited Supplies now available through recognised Wholesalers

Only Pack (*Temporary*) availabl

Tins retailing at 2/1d. includin purchase Tax

Retail discount 25%

ROZALEX LIMITED
10 Norfolk Street, MANCHESTER

KEATING'S POWDER

Important Announcement

The Directors of THOMAS KEATING LTD. have pleasure in informing the Trade that as from 15th November, Keating's Powder will be available in

1/- AND 6d. CARTOLS

All Keating's Powder supplied after this date in the Home market will contain Dichloro-diphenyl-trichloroethane,

D.D.T

There is no change in Retail prices or Trade Discounts, which remain at face value less 25% and 12½% for orders of nett minimum value of £10.

Advertisement issued by—

THOMAS KEATING LIMITED

Station Mills : Billingshurst : Sussex.

ALL LEADING HOUSES CARRY

Beaucaire

THE SUPERB DRY CLEANING FLUID

Beaucaire removes spots and stains completely and easily — even difficult stains such as oil, tar, etc. Beaucaire does not harm the most delicate fabrics and leaves the colour unchanged. It makes no ring or tide mark. Beaucaire cleans every kind of wearing apparel, household furnishings and fabrics and is useful in a hundred and one ways. It is odourless and guaranteed NON-INFLAMMABLE.

Beaucaire pays a handsome profit, is a certain "repeater" and swells your sales by bringing new customers into your shop.

RETAIL PRICES:— 1/-, 2/- and 5/- PER BOTTLE

Write for full particulars, trade terms etc., to :— **BEAUCAIRE LABORATORIES, VAUXHALL GROVE, LONDON, S.W.8.** Telephone: Reliance 3796

People are asking for DOMESTOS

. . . . . but we regret that supplies of this quick - selling cleanser and disinfectant are held up owing to a shortage of bottles.

Limited deliveries at present . . . . yet we look forward to ample supplies in the future

DOMESTOS LIMITED
College Works, Newcastle-on-Tyne

PERCENTA

Containers of Metal, Glass, Aluminium and Plastic.

PERCENTA LTD. (Dept. No. 23), 69-73 Borough High Street, London, S.E.1.
Tel.: HOP. 1808/3751.

MANEX SERVICES LTD.
23, HAYMARKET, LONDON, S.W.1
desirous of obtaining Representation for products available export on Agency basis. Director of above Company proceeds on selling mission, River Plate, near future. Definite enquiries on hand.

A. E. DAILEY & CO.
62, DALE STREET, LIVERPOOL. 2
invite enquiries for
PURE FOOD FULLY GUARANTEED EDIBLE GELATINE
—from holders of Board of Trade Licenses.
Kindly state type of GELATINE required.
Minimum quantity supplied 3 cwts.

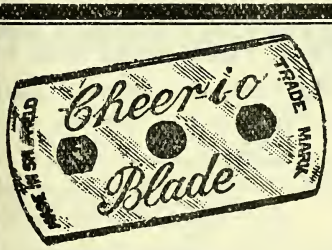
'GAMMEXANE' REGD.
THE BRITISH INSECTICIDE
DUSTS SMOKES SPRAYS

'GAMMEXANE' has proved effective against a wide variety of insect pests.

Limited quantities of this outstanding insecticide are available in ready-for-use formulations as dusts, smokes and sprays.

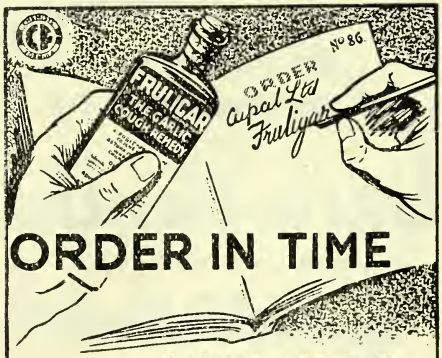
For advice on the choice of product to meet your particular requirement, consult

IMPERIAL CHEMICAL INDUSTRIES LTD.
NOBEL HOUSE - - LONDON, S.W.1
G.11



Cheer-i-o
SAFETY
RAZOR BLADES

Sole Makers . . .
The Wafer Razor Co. Ltd.
20 Hill Street, Sheffield, 2
PHONE 51824



ORDER IN TIME

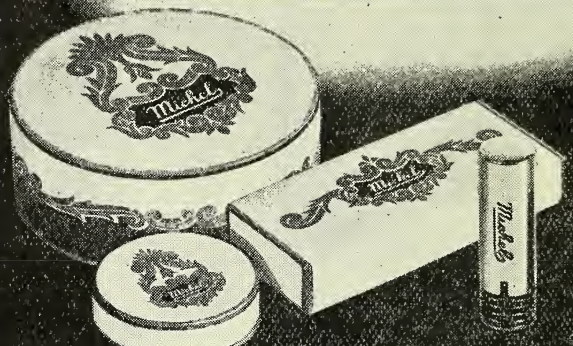
Retail Price:
1/5 & 2/6
inc. Pur. Tax.

FRULIGAR
THE GARLIC COUGH REMEDY

CUPAL MARGINS AND DISCOUNTS

CUPAL LTD.,
Manufacturing Chemists, BLACKBURN.

Michel



FACE POWDER
MASCARA
LIPSTICK
ROUGE

THESE WORLD FAMOUS BEAUTY PREPARATIONS ARE AGAIN AVAILABLE FOR THE HOME TRADE. ADDRESS YOUR ENQUIRIES TO YOUR USUAL WHOLESALERS OR DIRECT TO SOLE DISTRIBUTORS FOR U.K.:—

ANGLO-AMERICAN DISTRIBUTING CO., LTD.,
DANES INN HOUSE, 265, STRAND, LONDON, W.C.2.

NO POINTS ! !
BE PREPARED ! ! !
WITH
"
Likro-Menths
"
LIQUORICE and MENTHOL PELLETS
FOR THE
AUTUMN & WINTER

Supplies will be limited later—Sells at 1/- per carton—To Retailers 36/- nett. per 4 dozen display outer, inc. tax. Minimum 2 outers—Carriage Paid C.W.O.—Wholesale terms on application—Buying agents required.

Write :-
W. JAMES DAVIES (Western) LTD
QUEENS CHAMBERS, QUEEN ST., CARDIFF

WYNNOSPRITE
★*Perfumers' Quality Spirit*
GIVES PERFUME THAT PRE-WAR "*PING*"
AT LAST — IT LASTS
WITH WYNNOSPRITE IT DOESN'T FADE
NOTE—*The scientific compounding of our special ingredients enables you to purchase Wynnosprite* ***without spirit licence or requisition forms.***
ANGLO-DUTCH PHARMACEUTICAL CO. LTD.
110 DALE END . BIRMINGHAM 4

DENTAL STICKS
Almost unlimited stocks are now available of Dental Sticks, including Stimulators, Whalebone Sticks, Hard Wood Sticks, Soft Wood Sticks and Firm Wood Sticks.

Price List and Samples from:
BRITISH DENTAL STICKS LIMITED
Newcastle-on-Tyne, 4

EMERGENCY PACKING

URALYSOL

We regret that owing to the continuing bottle shortage, we have been compelled to adopt a temporary packing, as illustrated.

SUPPLIES OF URALYSOL ARE FREELY AVAILABLE

P.A.T.A. 36/7d. per dozen. RETAIL 3/11½d. (including Purchase Tax).

CONTINENTAL LABORATORIES LIMITED

101, Gt. Russell Street, W.C.1. 'Phone MUSEUM 2042/3

As an Antacid
or in febrile conditions
MEDICINAL

Lembar

justifies the doctor's highest recommendation.
Available in limited quantities

le extract of
Ba y 7.4%
Su 23.7%
Gl se .. 10.4%
Le n Juice 37.0%
Pl Flavouring
an ermitted
pr rvative

Th bove percentages
are xpressed in
we t per given volume

M DE BY RAYNER AND COMPANY LIMITED, LONDON, N.18

OWING to priority requirements for Bromide of Mesothorium, we have been unable to obtain further supplies of this substance. Upon exhaustion of our present stocks, RALGEX brand analgesic will therefore be marketed to an amended formula.

P.A.T.A.

PHARMAX LIMITED
Ibex House, Minories,
LONDON, E.C.3.

Popular!
JACKSON'S
FEBRIFUGE
1/5 3/5 5/8 INCLUDING PURCHASE TAX

Give it a trial: we assure you that it will not stay on the shelf!
Also other famous specialities:
DRAWING OINTMENT, CAMODINE SOAP AND OINTMENT, PINE DISINFECTANT

GEO. JACKSON & SONS, LTD.
BREWERY ST, HARPURHEY, MANCHESTER

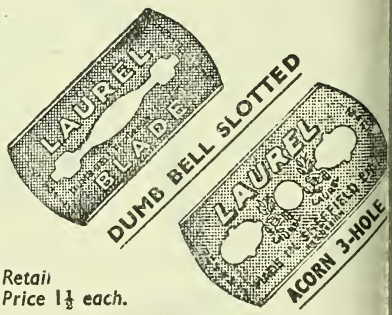
WHY THE DEMAND FOR RHEUMAGIC
is RISING!

The War effort made additional demands on the Nation's strength. Those prone to Rheumatism, Lumbago, etc., require a reliable liniment to relieve suffering and enable them to carry on their work.

Rheumagic makes no claim to cure Rheumatism. Its purpose is to relieve pain. It does so speedily and in this way makes a contribution to the National effort. Rheumagic is backed by a guarantee of money back if no relief.

Rheumagic
Brand
FORMULA OILS
P.A.T.A.
Retail Prices: 1/5 & 3/4½ (including tax)
International Laboratories, 1-3 Smedley St., London, S.W.8

PROFITABLE LINES ALWAYS IN DEMAND



Retail Price 1½ each.

Manufactured by
GEO. H. LAWRENCE Ltd.
SHEFFIELD, 3, ENG.
Distributors in Scotland and Northern Ireland
PHARMACEUTICAL DISTRIBUTORS (Glasgow) LTD.,
187 St. Vincent Street, Glasgow, C.2.

DELAVELLE (G.B.) LTD.

incorporating GUSTAV BOEHM LTD.

LUXURIOUS PERFUMES & COSMETICS

38-46, ORSMAN ROAD, KINGSLAND ROAD, LONDON, N.1.

We beg to announce that we have appointed

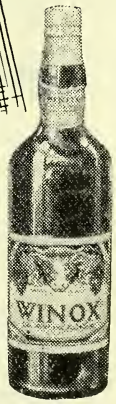
Messrs. JAY-BEE PRODUCTS LTD.

of 7-13, Fleming Street, Belfast, to be our sole agents and distributors for Northern Ireland as from 15th October, 1946 until further notice.

Arrangements have been made for all existing accounts both wholesale and retail to be fully protected both as to existing terms of business and quota allocation, and our customers are therefore requested to address all future enquiries and orders to

Messrs. JAY-BEE PRODUCTS LTD.

For INVALIDS *only*



sugar, phosphates and vita- are all contained in Winox— nly a wine but a predigested cceptable to enfeebled diges- Because supplies are short, help us to reserve available for invalids *only*.

WINOX

E MEAT AND MALT WINE

BEAUFOYS WINES LIMITED

PLACE, STH. LAMBETH RD., LONDON, S.W.8

SALES STILL RISING

Results Convincing and the Good News Spreading

H.B.T. Chlorophyll and Yeast Tablets

for

Rejuvenation and Vital Energy

They contain no drugs, a safe and sure recommendation for your clients.

3/- & 6/- Incl. Pur. Tax.

Through any Wholesaler or direct from

HUNTER BEATTIE PRODUCTS LTD.

Glasgow, S.E. B.C.M./H.B.T. London, W.C.1

"Simpkins Glucose Confections again!

says Mr VITALIT

Now that Simpkins Glucose Confections are dezoned please tell us number of points you have available and we will at once inform you of our ability to supply under M.O.F. regulations.

GLUCOSE MEDICATIONS

Distribution by allocation will continue as hitherto. You are invited to apply immediately stating whether you are a datum or non-datum year purchaser chemist.

VITA GLUCOSE

Supplies available for Diabetics only.

Simpkins of Sheffield

Fancy Gift Boxes

(*empty, various sizes*)

YOUR ENQUIRIES WELCOMED

Stating size required, quantity, when we will gladly quote, and state delivery position.

L.L.N. & CO. LTD.

Albermarle House, 265 Anlaby Rd., Hull

British Made **AMPOULE FILES** are now available

We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries

DOMINION STEEL CORPORATION LTD.

"FLEET" WORKS

QUEEN'S ROAD, SHEFFIELD, 2

PERFUMERY LABELS

Attractive stock designs in small or large quantities, also Chemists' labels.

L.L.N. & CO. LTD. "S" DEPT., ALBERMARLE HOUSE, ANLABY RD., HULL

RHOSEM, EMULSIFYING WAXES, COSMETIC COLOURS, PERFUME AND CHEMICALS

QUALITY AND SERVICE

Lee-Narvill Laboratories, Anlaby Rd., Hull

5,000,000 SACCHARIN TABLETS

Can be produced weekly by us from your Saccharin 550 supplied. Owing to the installation of ENTIRELY NEW PLANT we can offer —

QUICK DELIVERY

LOWEST TERMS, ENQUIRIES INVITED

SWEETULE PRODUCTS LTD. Mfg. Chemists, RADCLIFFE, MANCHESTER.

The Chas. H. Phillips Chemical Co. Ltd.

or many years the Chas. H. Phillips mical Co. Ltd., has marketed a range of parations which, by their consistently high lity, have earned the confidence of the rmaceutical profession. Moreover, these lucts, by their proved efficacy, have ed wide acceptance from men and women ll walks of life.

he increasing popularity of these preparas has created demands which could not be met without sacrificing those high standards which have built up through the years, a reputation of which the Company is justly proud.

While restrictions on raw materials and containers continue, shortages must inevitably persist. Every step is being taken to ensure that available output continues to be allocated on the most equitable basis possible.

LK OF MAGNESIA ' *(Regd.)*
e ideal antacid for infant and adult use.

LK OF MAGNESIA ' TABLETS
A highly convenient form of the liquid preparation.

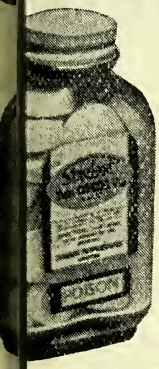
' CALIFORNIA SYRUP OF FIGS ' *(Regd.)*

' MIL-PAR ' *(Regd.)*
A skilfully prepared combination of 'Milk of Magnesia' and Liquid Paraffin.

PHILLIPS' DENTAL MAGNESIA *(Regd.)*
An antacid dentifrice containing 'Milk of Magnesia'.

The laxative of choice for children of all ages.

CHAS. H. PHILLIPS CHEMICAL CO. LTD., 179 ACTON VALE, LONDON, W.3.



3 profitable 'STANLAST' lines

CODEINE CO.
ASPIRIN
CASCARA SAGRADA

We are making a special feature of these three ready sellers and invite your enquiries for any quantity—also please write for particulars of 'Stanlast' Crepe Bandages, Packed Pharmaceuticals and Tablets and Pills of every description.

TANNING
ROPRIETARIES LTD
ST. JAMES'S STREET LONDON, S.W.1

Cuts and wounds heal more rapidly with 'Handyplast,' the first-aid dressing with the air-strip. 'Handyplast' protects from germs and dirt, but lets the air filter through to help with the healing. Insist on 'Handyplast.'

HANDYPLAST
TRADE MARK
AIR STRIP

ELASTIC WOUND DRESSING
6d. and 1/-

HPL PRODUCT

HERTS PHARMACEUTICALS LTD
Welwyn Garden City : Herts (8)

Introducing-

Supol

HAEMORRHOIDAL SUPPOSITORIES

FOR RAPID RELIEF

A new and highly ethical product containing benzocaine and ephedrine. SUPOL is designed to give immediate relief and lasting comfort for hæmorrhoidal pains, rectal irritation, etc. NOW BEING ADVERTISED. Distribution through chemists only.

ISSUED IN BOXES OF 12 SUPPOSITORIES.

PUBLIC price 3/4 inc. tax

INTRODUCTORY BONUS

APPLY:—

Sole Distributors: FASSETT & JOHNSON, LTD.
86 CLERKENWELL ROAD, LONDON, E.C 1

CELLON SERVICE
FOR INDUSTRIAL WELFARE

FOR HEAD LICE

CELETANE (Regd.)

Medicated (Lethane) Hair Oil—N.W.F.

Undetectable in use. Rapidly effective.

FOR SCABIES

BENZELIA (Regd.)

Benzyl Benzoate—25%

An emulsion of high efficiency, extremely effective in the treatment of this infestation.

Further information, samples and prices upon request

KINGSTON-ON-THAMES

KINGSTON 1234 (5 lines)

CELLON LABORATORIES
LIMITED

CVS-3

Here is the larger of the two packs of Daisy Tablets which may become more popular than the neat and trim 3½d. size. You will like the new 1/3 pack. A really good formula (A.P.C. with Piperine—perhaps the best of all A.P.C. combinations), a first-rate pack — a popular price and generous profit.

UNIVERSALLY ADVERTISED

Limited supplies of this handsome display carton are still available and will appeal to the Chemist who seeks to establish the 1/3 Price Standard.

Order from your Wholesaler: 1 Display Carton (1 dozen), 1/3. Daisy Tablets at 9/6, plus Tax. (P.A.T.A.)

J. E. ELLIS LTD., HORSFORTH, LEEDS

A Household Nam

— MEL ROSE -

—and the reputation of sixty years—
is the guarantee that you will find

'Antebam' ANTISEPTIC **Crea**

a pleasure to sell.

AND you have our assurance that it is one of the m perfect preparations of its kind ever to be placed on market. of unexampled quality and maximum value.

IN ADDITION local advertising and show material will assist your sales.

1/6 JAR—10/6 doz. 2/6 JAR—18/- d
plus $\frac{1}{6}$th purchase tax

The **Mel Rose Healing Tablet** the **Mel Rose Foot Salve** and **Chilblain Tablet**

need no introduction—they are still best sellers.

3d. size of either kind—21/- per gro
6d. „ „ „ „ —42/- „ „
plus $\frac{1}{6}$th purchase tax

All leading Wholesale Houses can supply without de

ROBERTS & SHEPPEY, Ltd.,
Holton Mill, Oxford

BENGUE'S BULLETIN

CF

Supplies again available of:—

LIPIODOL (LAFAY)

GUIPSINE PILLS

Supply position of the following now normal:—

PULMO BAILLY

AGOCHOLINE

PASSIORINE

BENGUE'S BALSAM

in METAL *tubes again*

Unlimited supplies available — order your winter requirements NOW

BENGUE & CO. LTD. — MOUNT PLEASANT — ALPERTON

Memo

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